

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\NOT REVIEWED DATA\
 Data File : VY001991.D
 Acq On : 17 Mar 2020 11:00
 Operator : SY/MD
 Sample : VY0317SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Quant Time: Mar 17 18:06:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	160688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	287794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	117564	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	84975	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.75	113	79975	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
50) Toluene-d8	10.20	98	327365	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.50	95	112911	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	27842	18.77	ug/l	93
3) Chloromethane	2.13	50	39649	19.83	ug/l	96
4) Vinyl Chloride	2.27	62	40084	19.71	ug/l	99
5) Bromomethane	2.66	94	28481	20.52	ug/l	95
6) Chloroethane	2.81	64	26212	20.51	ug/l	100
7) Trichlorofluoromethane	3.15	101	57084	20.69	ug/l	95
8) Diethyl Ether	3.56	74	22823	20.99	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.94	101	37242	20.99	ug/l	99
10) Methyl Iodide	4.13	142	40144	19.56	ug/l	99
11) Tert butyl alcohol	4.99	59	28337	149.67	ug/l	95
12) 1,1-Dichloroethene	3.91	96	36900	20.65	ug/l	97
13) Acrolein	3.75	56	18868	78.27	ug/l	98
14) Allyl chloride	4.52	41	65481	20.67	ug/l	98
15) Acrylonitrile	5.20	53	61599	106.02	ug/l	98
16) Acetone	3.98	43	49000	98.07	ug/l	100
17) Carbon Disulfide	4.22	76	113380	18.88	ug/l	99
18) Methyl Acetate	4.52	43	26786	20.86	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	100871	20.83	ug/l	98
20) Methylene Chloride	4.75	84	46782	21.85	ug/l	96
21) trans-1,2-Dichloroethene	5.25	96	41533	20.48	ug/l	96
22) Diisopropyl ether	6.16	45	140403	21.63	ug/l	99
23) Vinyl Acetate	6.10	43	441108	103.64	ug/l	98
24) 1,1-Dichloroethane	6.06	63	73812	20.99	ug/l	98
25) 2-Butanone	7.02	43	78314	103.07	ug/l	96
26) 2,2-Dichloropropane	7.02	77	62462	21.65	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	47057	21.33	ug/l	99
28) Bromochloromethane	7.36	49	33356	21.05	ug/l	99
29) Tetrahydrofuran	7.38	42	51670	102.40	ug/l	99
30) Chloroform	7.54	83	70434	21.32	ug/l	96
31) Cyclohexane	7.82	56	74767	19.83	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	58878	21.15	ug/l	99
36) 1,1-Dichloropropene	7.94	75	57568	20.79	ug/l	98
37) Ethyl Acetate	7.11	43	33814	21.01	ug/l	98
38) Carbon Tetrachloride	7.93	117	50075	21.17	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	76222	20.75	ug/l	98
40) Benzene	8.19	78	171749	20.92	ug/l	99
41) Methacrylonitrile	7.38	41	44919	62.01	ug/l #	1
42) 1,2-Dichloroethane	8.26	62	45429	21.48	ug/l	99
43) Isopropyl Acetate	8.30	43	63422	20.81	ug/l	99
44) Trichloroethene	8.96	130	42445	21.23	ug/l	99
45) 1,2-Dichloropropane	9.24	63	44478	21.55	ug/l	96
46) Dibromomethane	9.33	93	21901	20.60	ug/l	98
47) Bromodichloromethane	9.52	83	53406	21.59	ug/l	98
48) Methyl methacrylate	9.31	41	29407	21.75	ug/l	98
49) 1,4-Dioxane	9.33	88	6205	425.85	ug/l	97
51) 4-Methyl-2-Pentanone	10.09	43	177074	112.81	ug/l	100
52) Toluene	10.26	92	105452	21.15	ug/l	99
53) t-1,3-Dichloropropene	10.48	75	56614	21.01	ug/l	95
54) cis-1,3-Dichloropropene	9.95	75	67579	21.06	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	33316	21.41	ug/l	97
56) Ethyl methacrylate	10.53	69	47513	20.83	ug/l	95
57) 1,3-Dichloropropane	10.81	76	57919	20.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	124676	142.53	ug/l	99
59) 2-Hexanone	10.85	43	114369	102.08	ug/l	100
60) Dibromochloromethane	11.00	129	35226	21.48	ug/l	99
61) 1,2-Dibromoethane	11.11	107	30849	20.93	ug/l	100
64) Tetrachloroethene	10.74	164	35116	21.95	ug/l	98
65) Chlorobenzene	11.53	112	108020	21.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	36966	22.18	ug/l	99
67) Ethyl Benzene	11.61	91	201201	21.23	ug/l	99
68) m/p-Xylenes	11.72	106	150540	42.95	ug/l	100
69) o-Xylene	12.05	106	70083	21.22	ug/l	97
70) Styrene	12.06	104	122527	21.66	ug/l	99
71) Bromoform	12.22	173	19114	21.15	ug/l #	99
73) Isopropylbenzene	12.34	105	190036	21.18	ug/l	99
74) N-amyl acetate	12.16	43	55603	20.16	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	41014	21.19	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	52550	37.67	ug/l #	100
77) Bromobenzene	12.62	156	40712	21.41	ug/l	97
78) n-propylbenzene	12.69	91	236134	21.33	ug/l	100
79) 2-Chlorotoluene	12.77	91	130681	21.36	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	158609	21.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	14781	21.40	ug/l	96
82) 4-Chlorotoluene	12.87	91	138379	21.73	ug/l	100
83) tert-Butylbenzene	13.09	119	132735	21.63	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	158244	21.58	ug/l	100
85) sec-Butylbenzene	13.27	105	197880	21.88	ug/l	100
86) p-Isopropyltoluene	13.38	119	172099	22.06	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	81342	21.83	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	80682	21.34	ug/l	99
89) n-Butylbenzene	13.71	91	175412	21.67	ug/l	98
90) Hexachloroethane	13.97	117	31655	21.51	ug/l	97
91) 1,2-Dichlorobenzene	13.75	146	72810	21.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	6070	20.10	ug/l	99

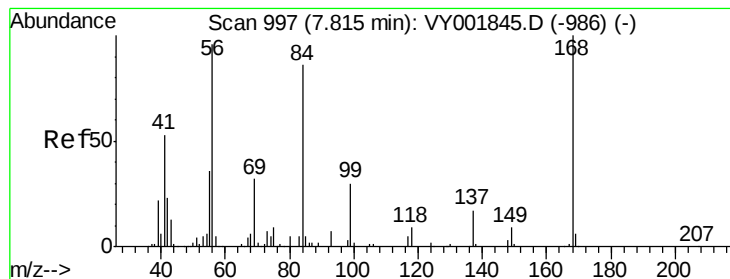
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031720\NOT REVIEWED DATA\
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QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	46642	21.25	ug/l	98
94) Hexachlorobutadiene	15.12	225	23460	21.92	ug/l	99
95) Naphthalene	15.25	128	105262	20.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	40567	20.98	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

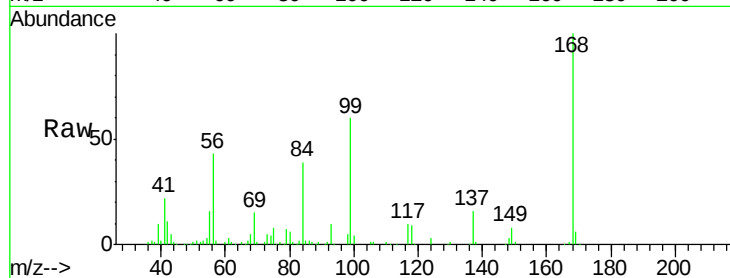
VY0317SBS01

Tgt Ion:168 Resp: 160688

Ion Ratio Lower Upper

168 100

99 59.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001991.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001991.D (-948) (-)

7.82

60000

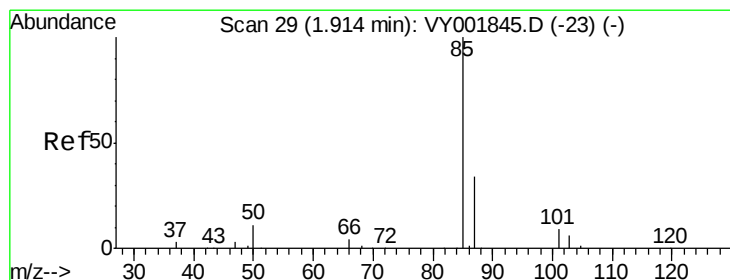
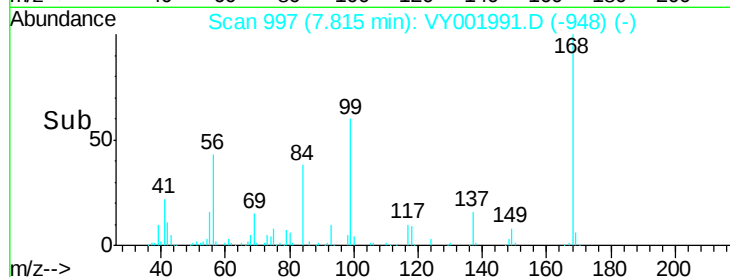
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.77 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001991.D

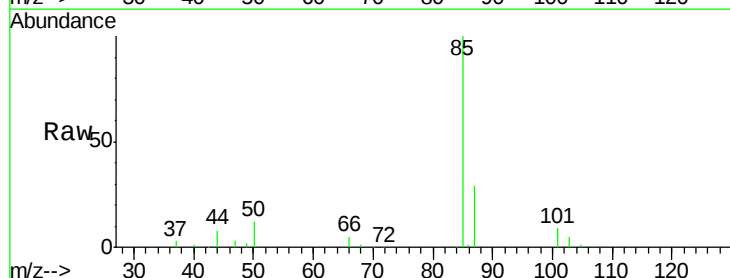
Acq: 17 Mar 2020 11:00

Tgt Ion: 85 Resp: 27842

Ion Ratio Lower Upper

85 100

87 29.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001991.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001991.D (-1) (-)

1.92

20000

15000

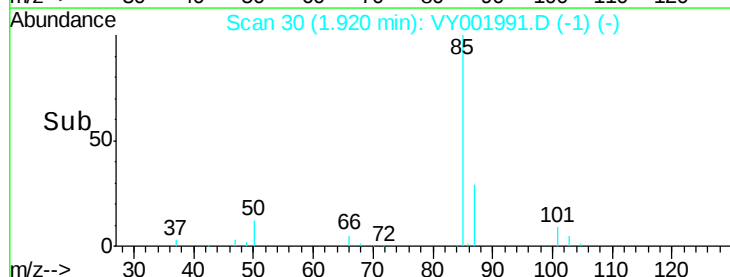
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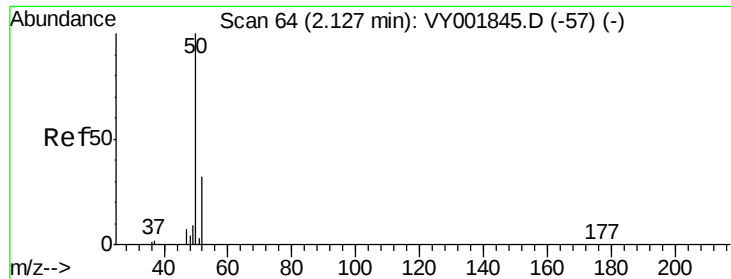
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 19.83 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

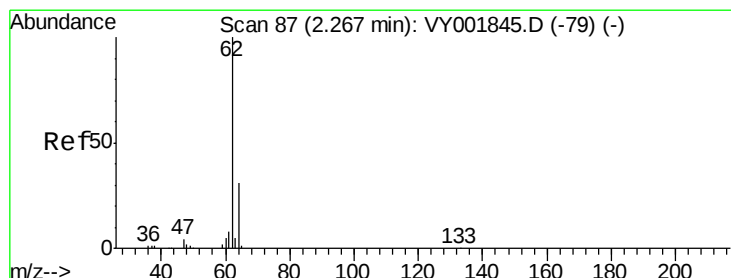
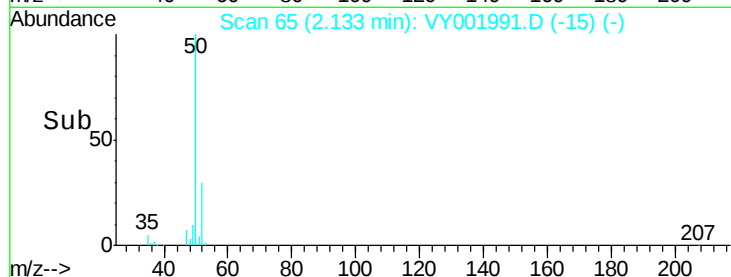
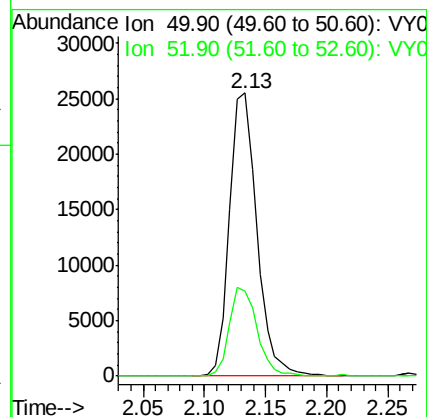
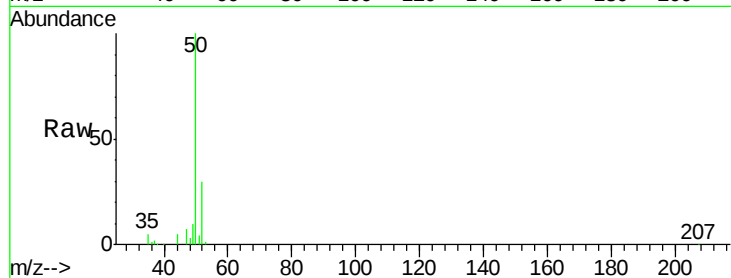
VY0317SBS01

Tgt Ion: 50 Resp: 39649

Ion Ratio Lower Upper

50 100

52 30.1 25.8 38.6



#4

Vinyl Chloride

Concen: 19.71 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY001991.D

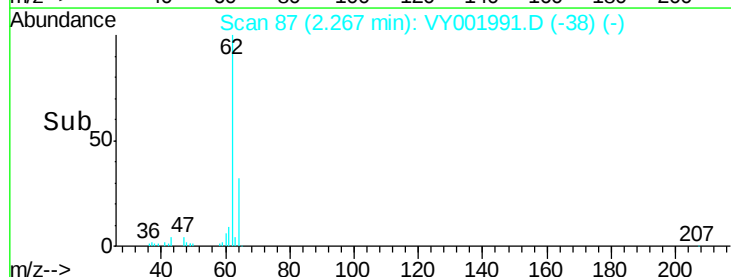
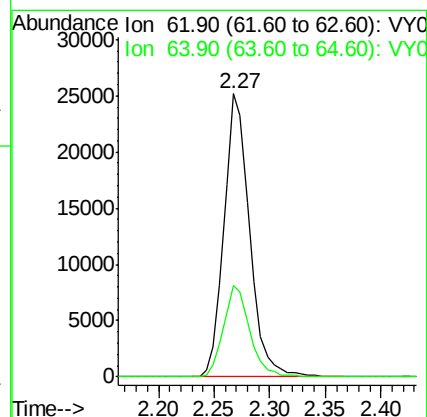
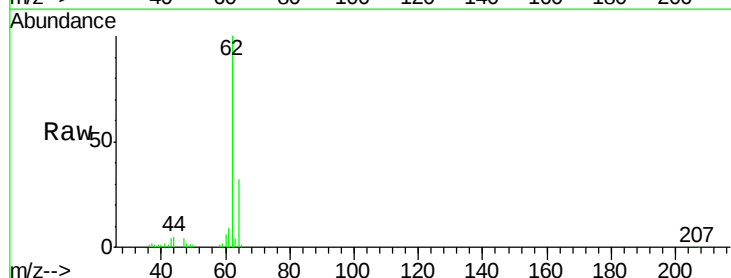
Acq: 17 Mar 2020 11:00

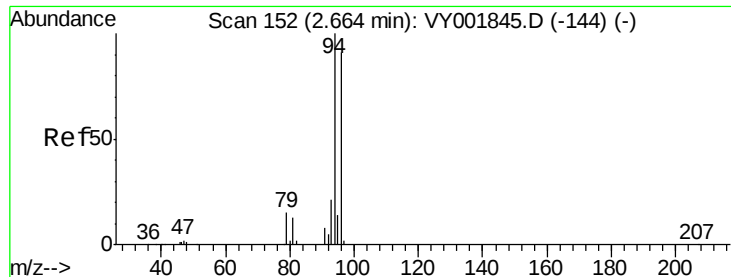
Tgt Ion: 62 Resp: 40084

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 20.52 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

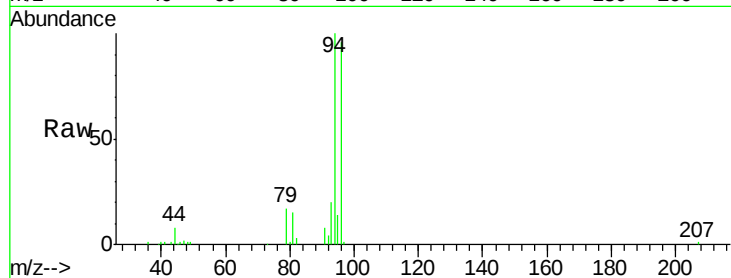
VY0317SBS01

Tgt Ion: 94 Resp: 28481

Ion Ratio Lower Upper

94 100

96 95.8 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

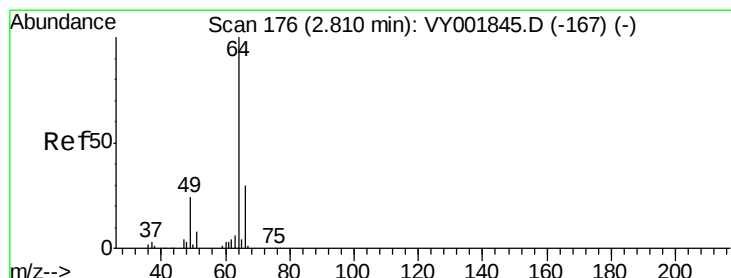
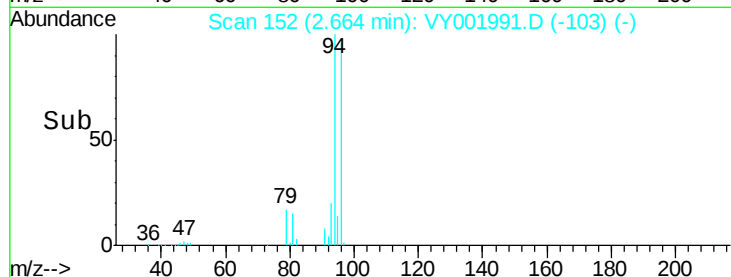
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 20.51 ug/l

RT: 2.81 min Scan# 176

Delta R.T. 0.00 min

Lab File: VY001991.D

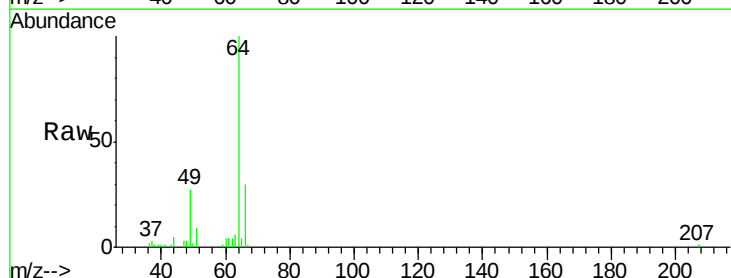
Acq: 17 Mar 2020 11:00

Tgt Ion: 64 Resp: 26212

Ion Ratio Lower Upper

64 100

66 30.0 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

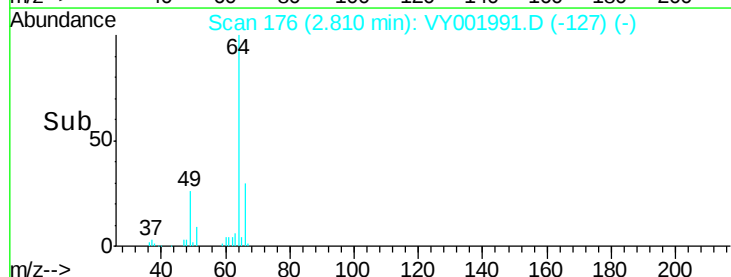
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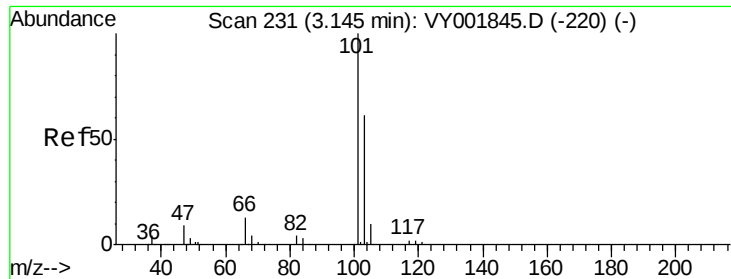
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5000

0

Time-->



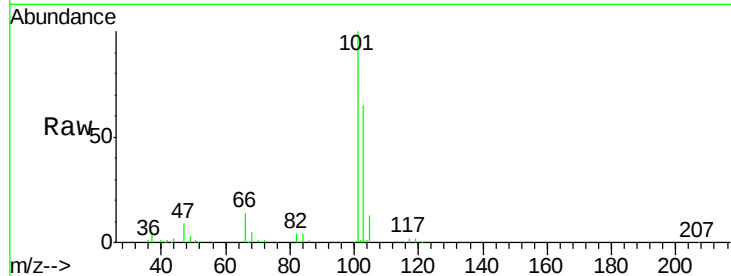


#7

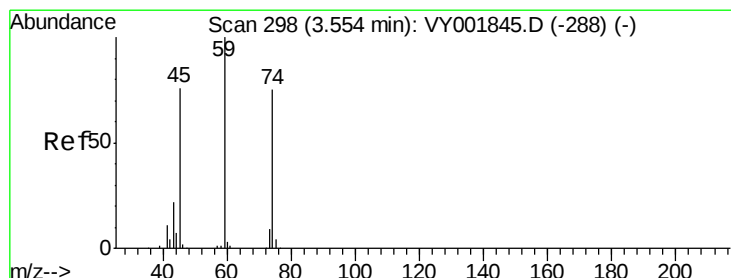
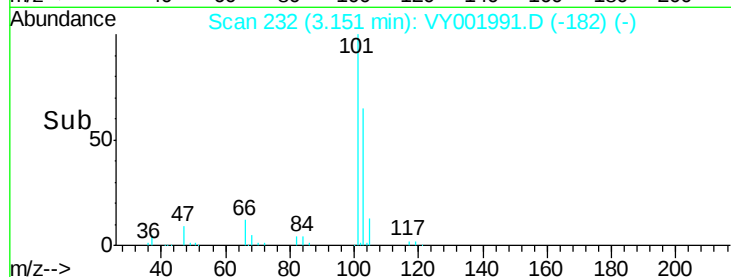
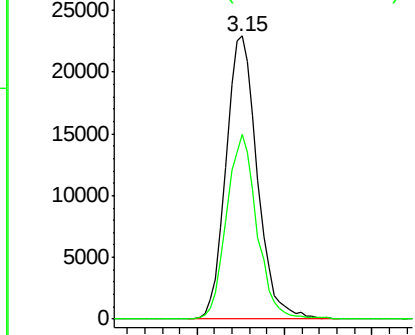
Trichlorofluoromethane
Concen: 20.69 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tgt Ion:101 Resp: 57084
Ion Ratio Lower Upper
101 100
103 65.3 49.1 73.7



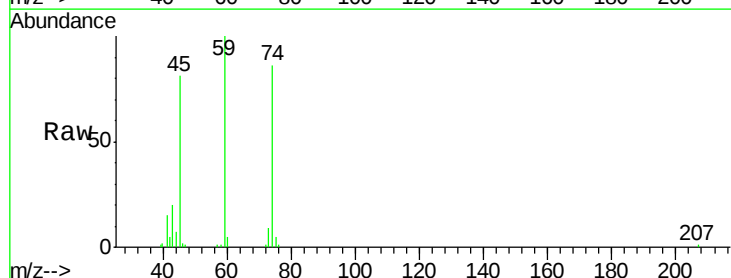
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



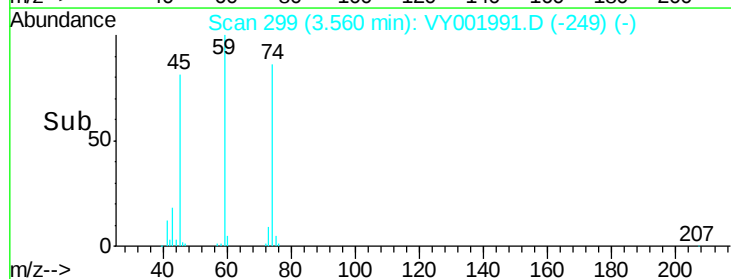
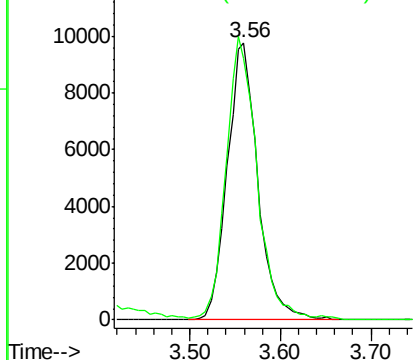
#8

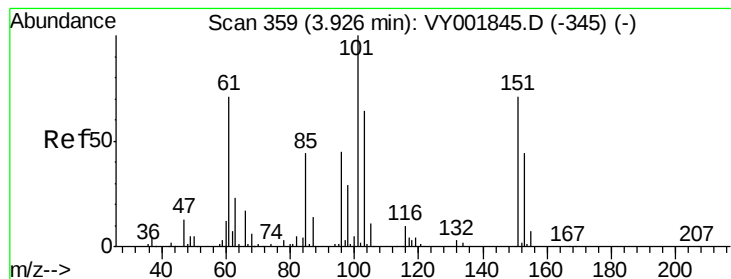
Diethyl Ether
Concen: 20.99 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 74 Resp: 22823
Ion Ratio Lower Upper
74 100
45 104.1 50.5 151.5



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.99 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

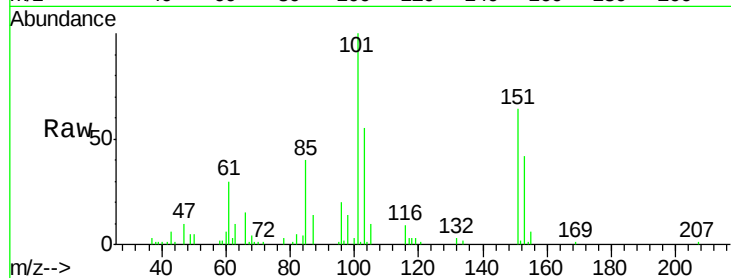
Tgt Ion:101 Resp: 37242

Ion Ratio Lower Upper

101 100

85 44.3 35.3 52.9

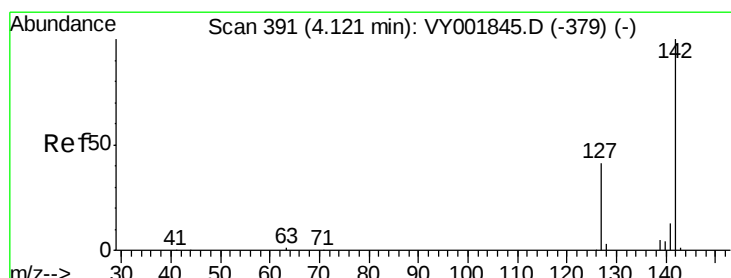
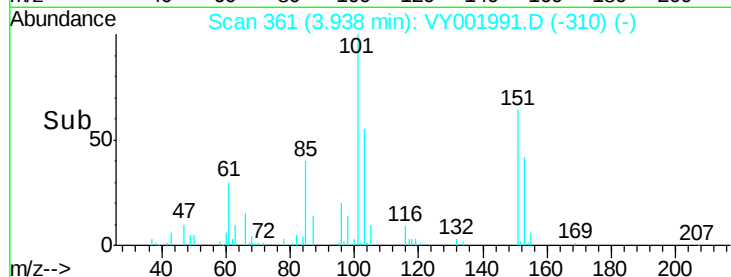
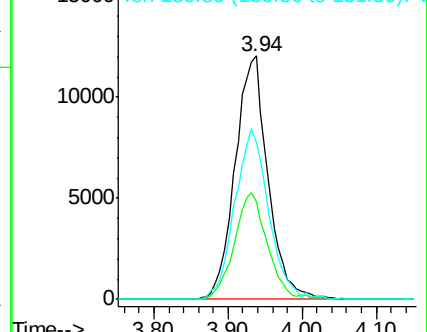
151 72.4 57.0 85.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.56 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

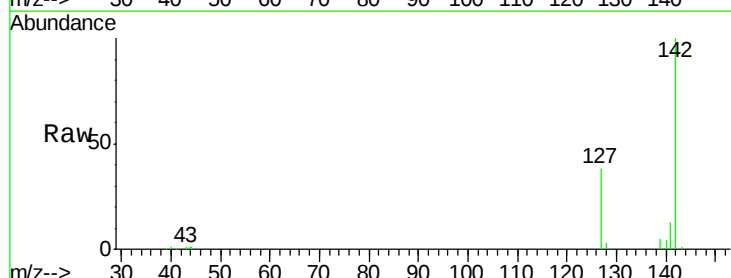
Tgt Ion:142 Resp: 40144

Ion Ratio Lower Upper

142 100

127 40.2 32.7 49.1

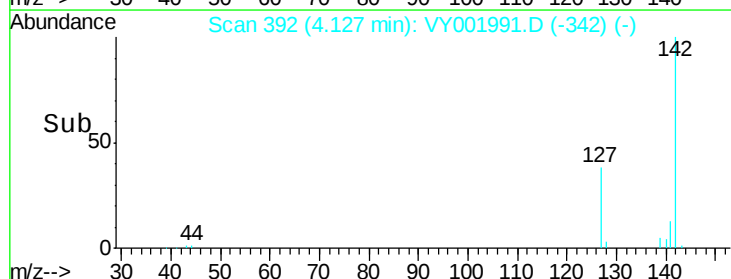
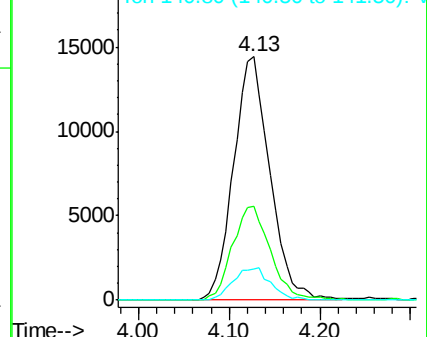
141 13.6 11.0 16.6

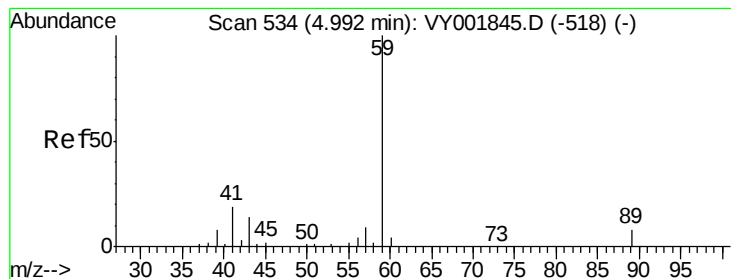


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



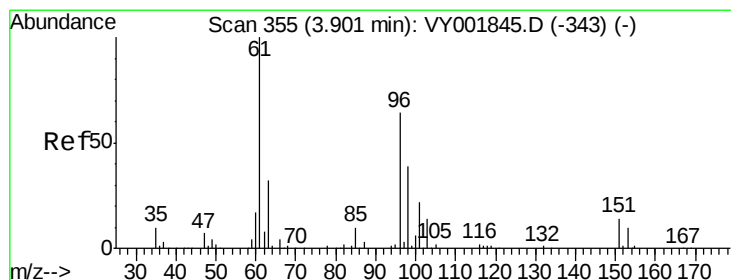
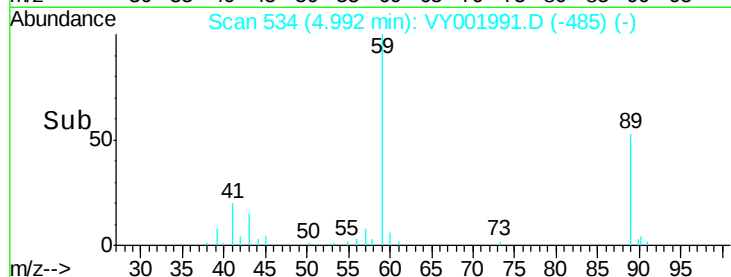
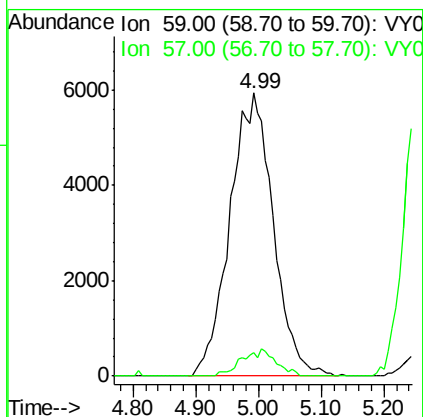
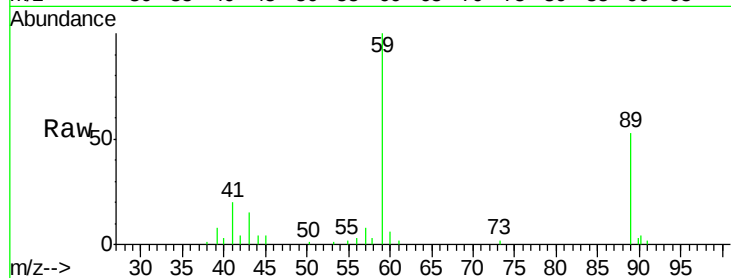


#11

Tert butyl alcohol
 Concen: 149.67 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

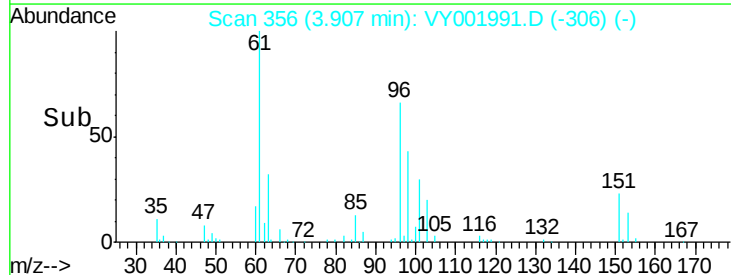
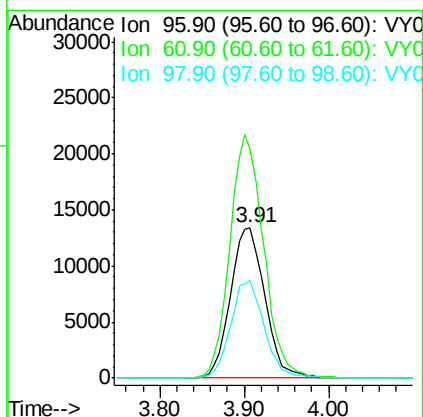
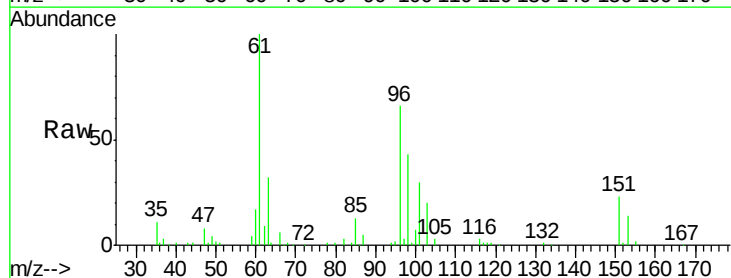
Tgt Ion: 59 Resp: 28337
 Ion Ratio Lower Upper
 59 100
 57 7.5 7.4 11.2

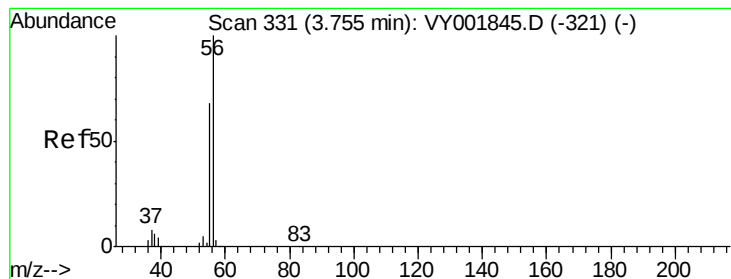


#12

1,1-Dichloroethene
 Concen: 20.65 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion: 96 Resp: 36900
 Ion Ratio Lower Upper
 96 100
 61 152.2 124.8 187.2
 98 64.9 49.2 73.8





#13

Acrolein

Concen: 78.27 ug/l

RT: 3.75 min Scan# 331

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

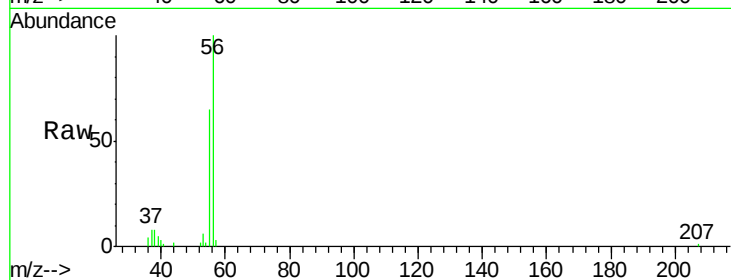
VY0317SBS01

Tgt Ion: 56 Resp: 18868

Ion Ratio Lower Upper

56 100

55 69.2 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.75

8000

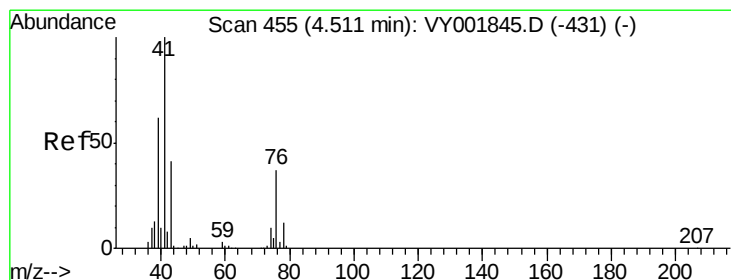
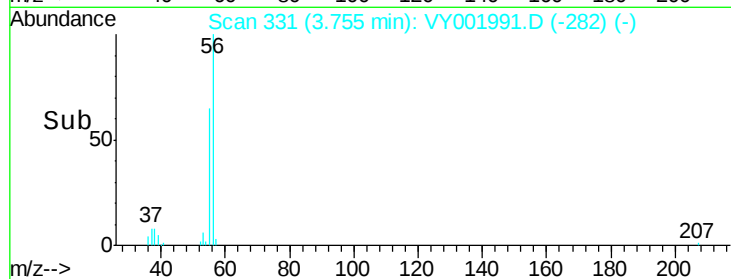
6000

4000

2000

0

Time--> 3.70 3.80 3.90



#14

Allyl chloride

Concen: 20.67 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

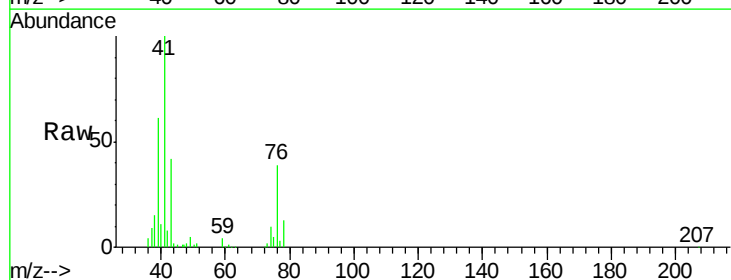
Tgt Ion: 41 Resp: 65481

Ion Ratio Lower Upper

41 100

39 62.5 49.0 73.6

76 37.3 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.52

25000

20000

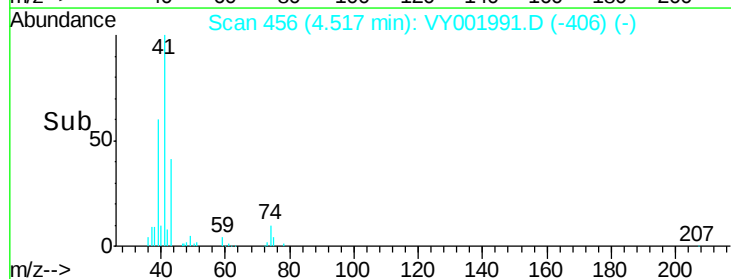
15000

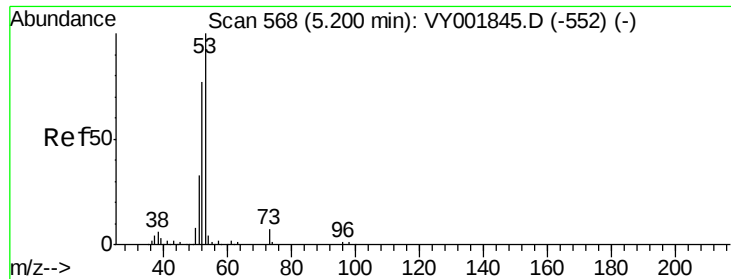
10000

5000

0

Time--> 4.30 4.40 4.50 4.60 4.70





#15

Acrylonitrile

Concen: 106.02 ug/l

RT: 5.20 min Scan# 568

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

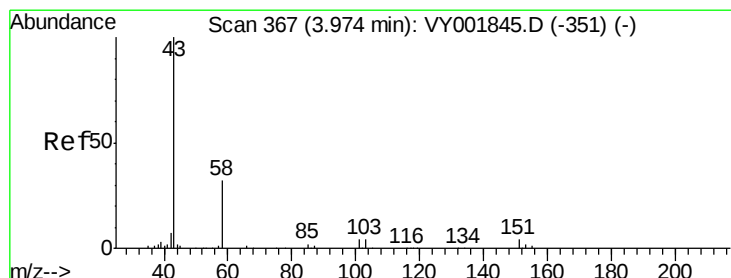
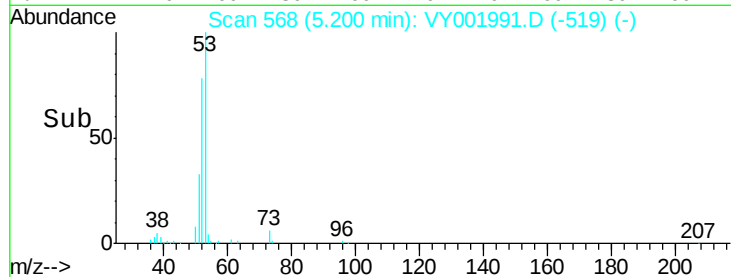
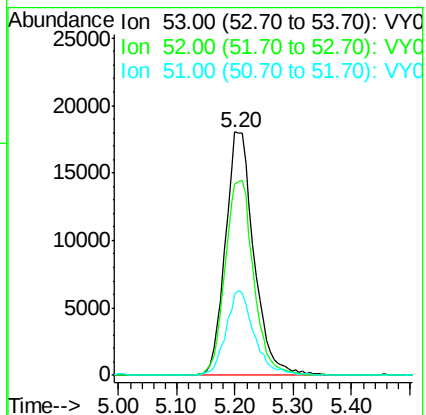
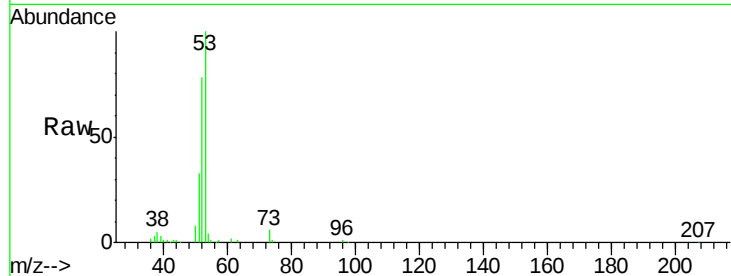
Tgt Ion: 53 Resp: 61599

Ion Ratio Lower Upper

53 100

52 79.5 65.1 97.7

51 34.1 27.5 41.3



#16

Acetone

Concen: 98.07 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001991.D

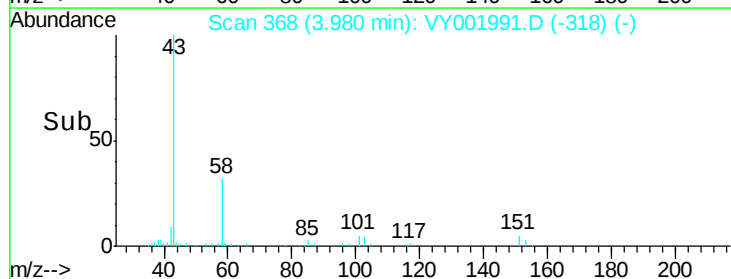
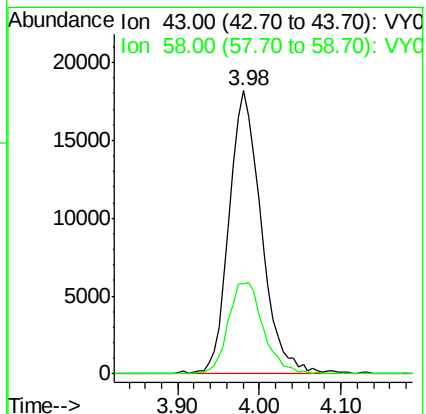
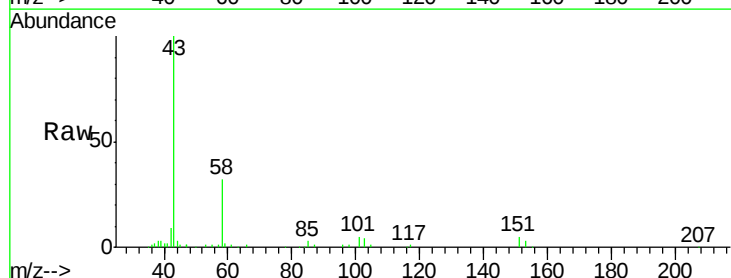
Acq: 17 Mar 2020 11:00

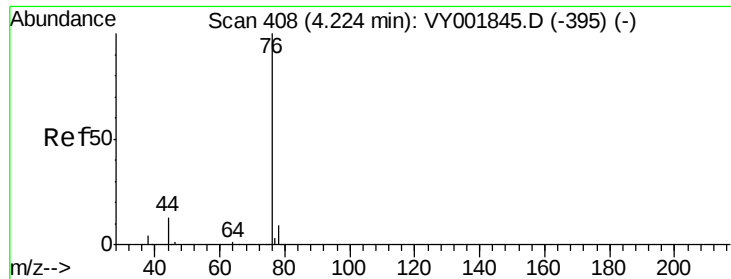
Tgt Ion: 43 Resp: 49000

Ion Ratio Lower Upper

43 100

58 32.1 25.9 38.9

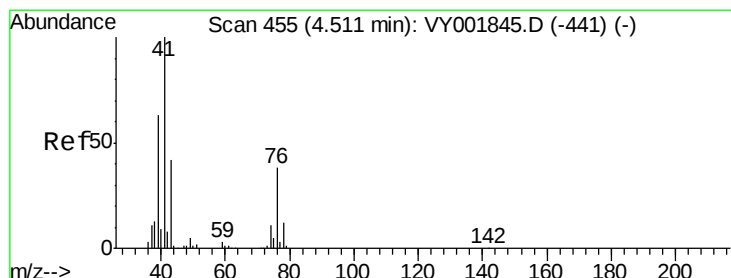
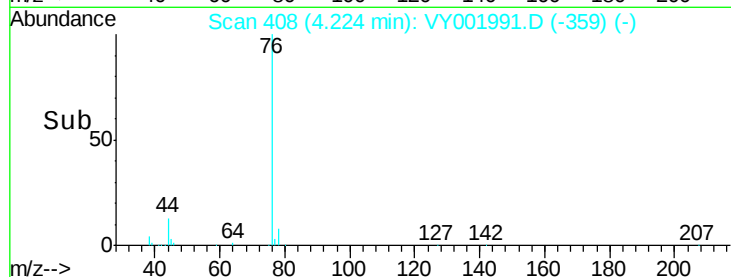
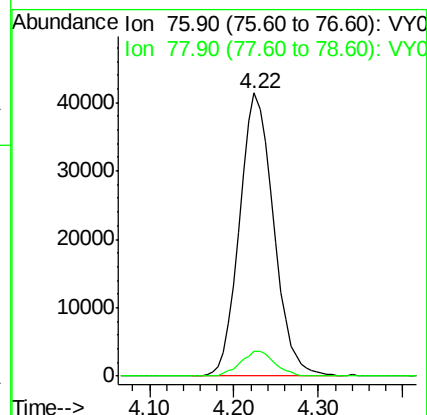
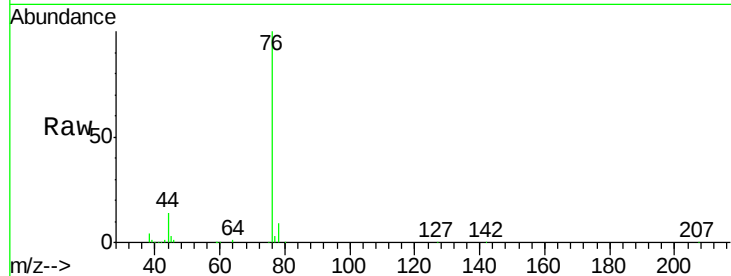




#17
Carbon Disulfide
Concen: 18.88 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.00 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

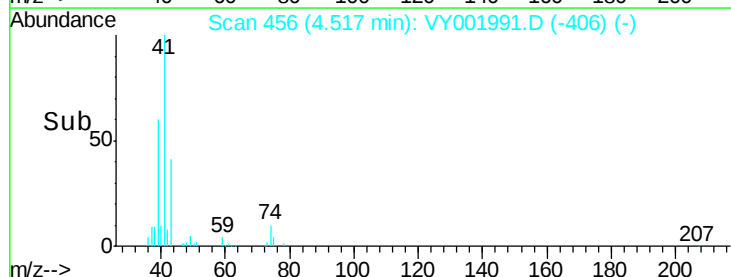
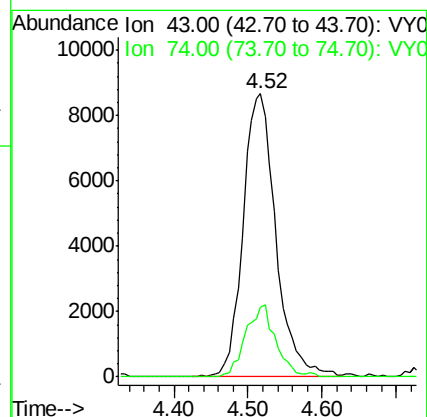
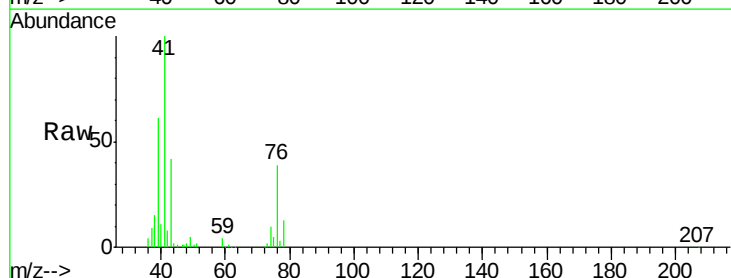
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

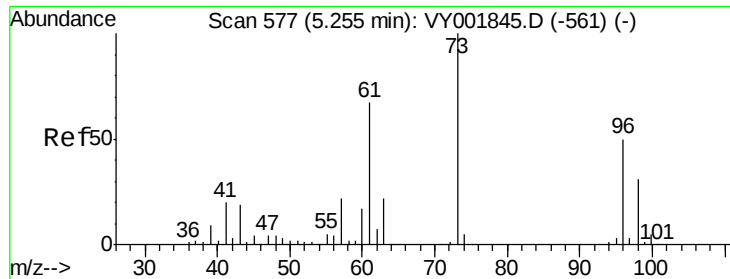
Tgt Ion: 76 Resp: 113380
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 20.86 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 43 Resp: 26786
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.6

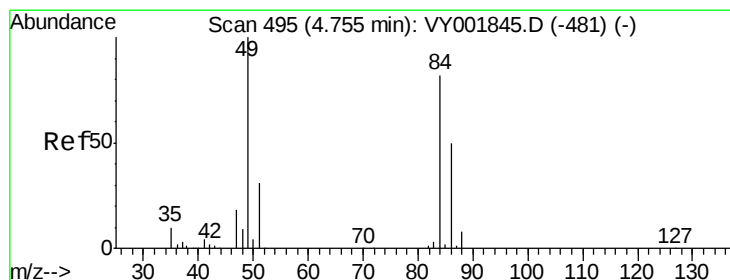
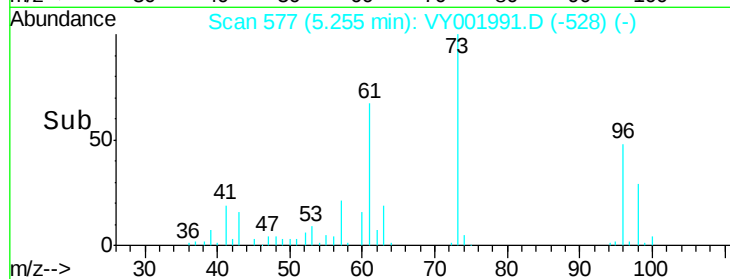
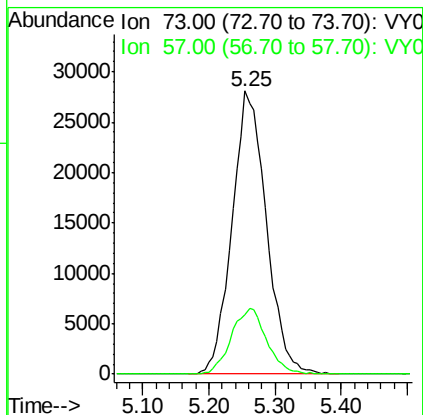
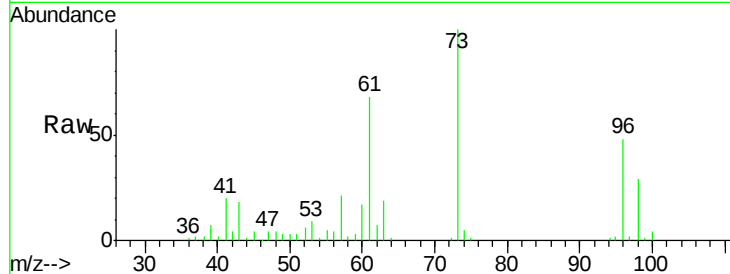




#19
Methyl tert-butyl Ether
Concen: 20.83 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.00 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

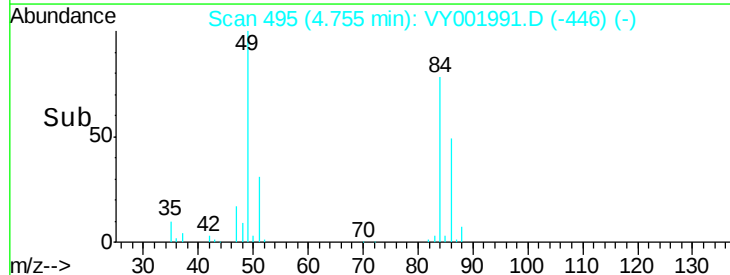
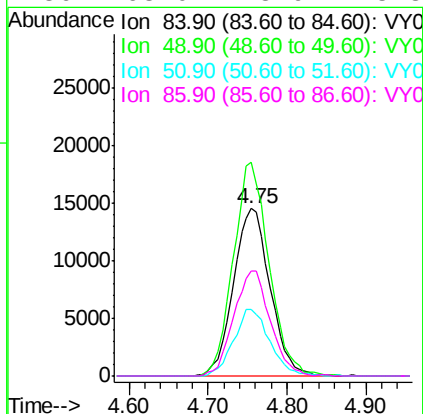
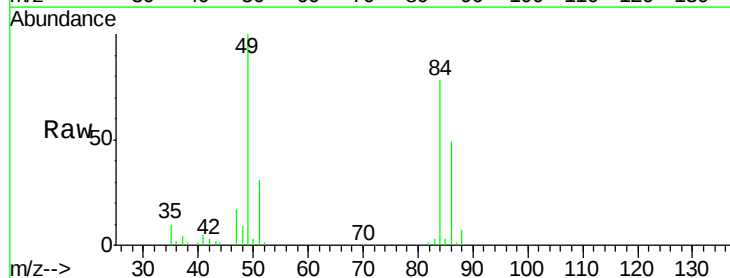
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

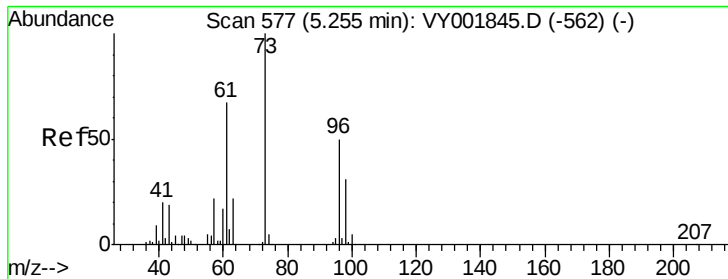
Tgt Ion: 73 Resp: 100871
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.2



#20
Methylene Chloride
Concen: 21.85 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 84 Resp: 46782
Ion Ratio Lower Upper
84 100
49 127.8 98.2 147.2
51 39.6 30.2 45.2
86 63.0 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 20.48 ug/l

RT: 5.25 min Scan# 577

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

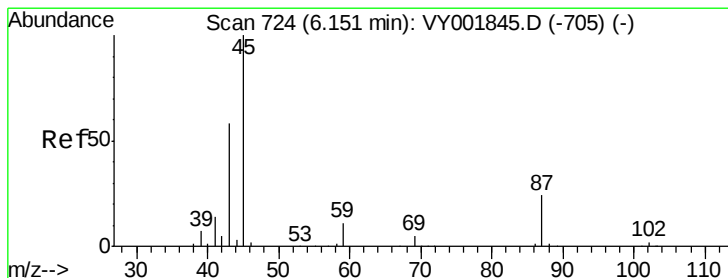
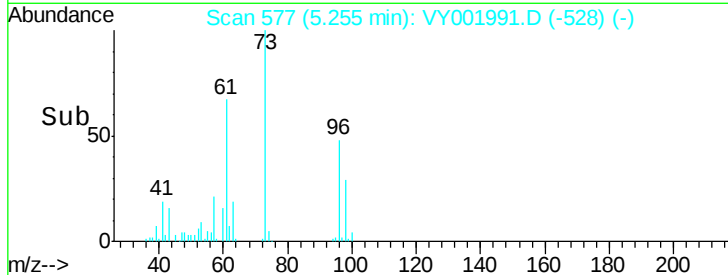
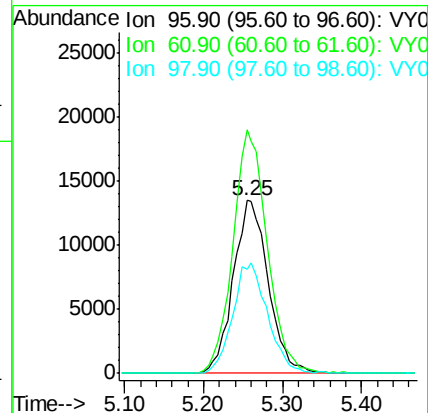
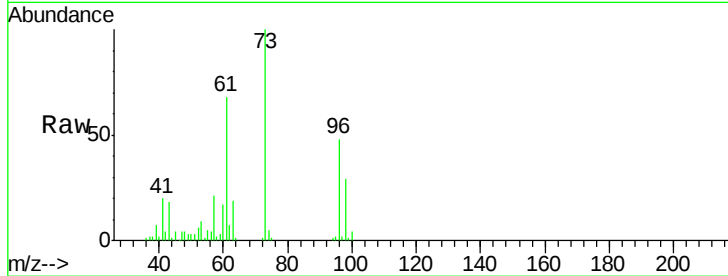
Tgt Ion: 96 Resp: 41533

Ion Ratio Lower Upper

96 100

61 141.0 107.7 161.5

98 60.1 49.3 73.9



#22

Diisopropyl ether

Concen: 21.63 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Tgt Ion: 45 Resp: 140403

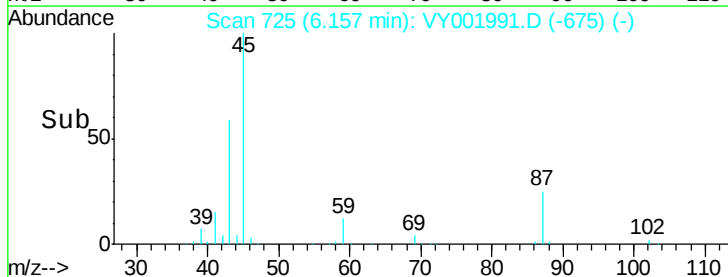
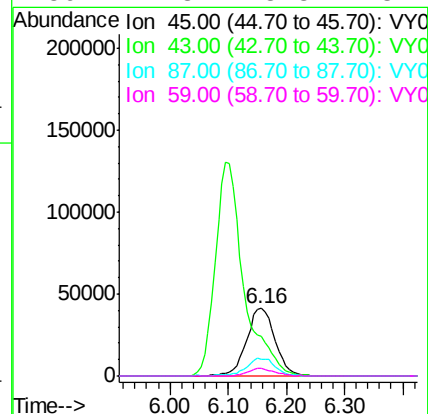
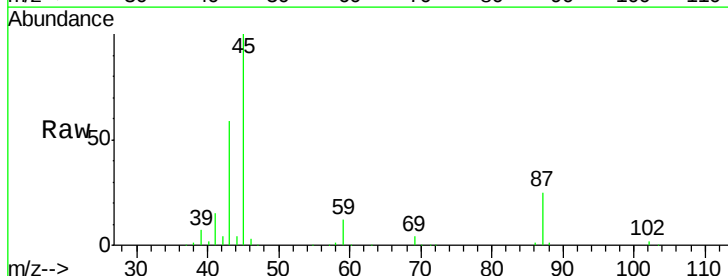
Ion Ratio Lower Upper

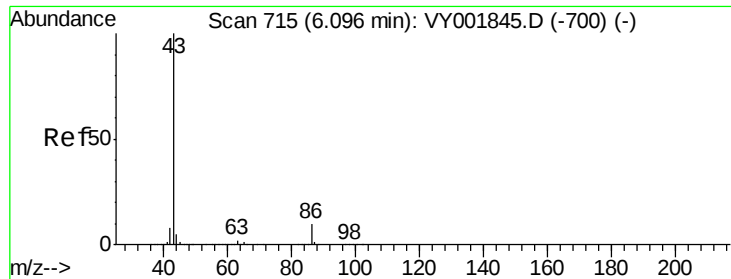
45 100

43 58.3 47.2 70.8

87 24.9 19.8 29.8

59 12.3 8.8 13.2





#23

Vinyl Acetate

Concen: 103.64 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

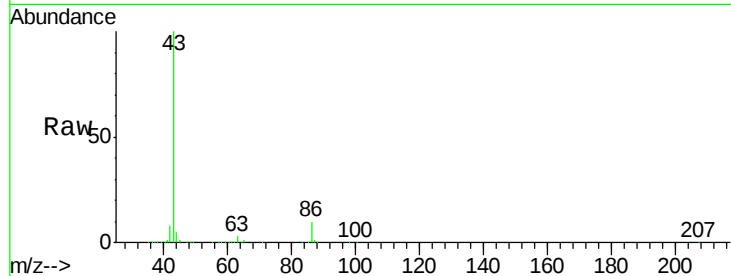
VY0317SBS01

Tgt Ion: 43 Resp: 441108

Ion Ratio Lower Upper

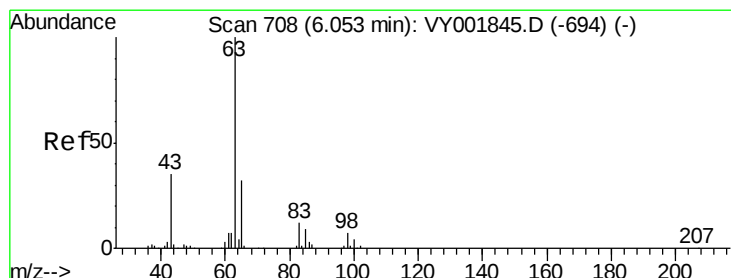
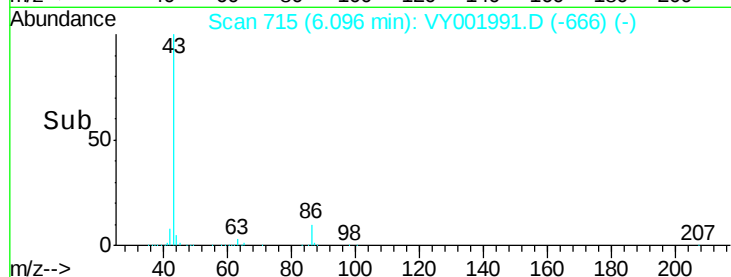
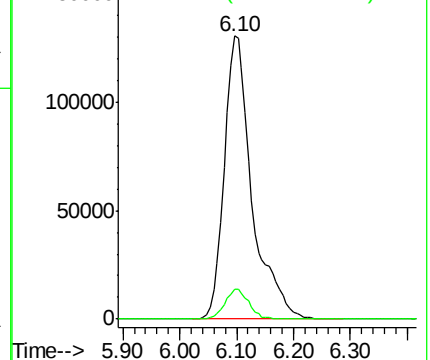
43 100

86 10.5 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.99 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

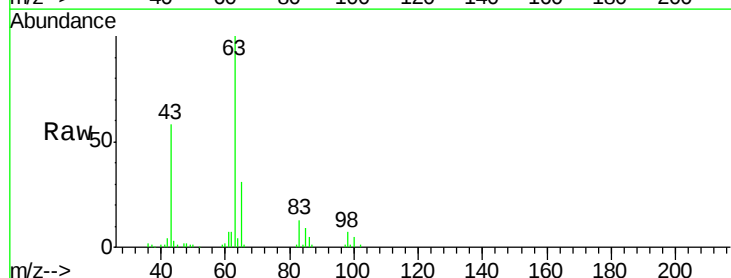
Tgt Ion: 63 Resp: 73812

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

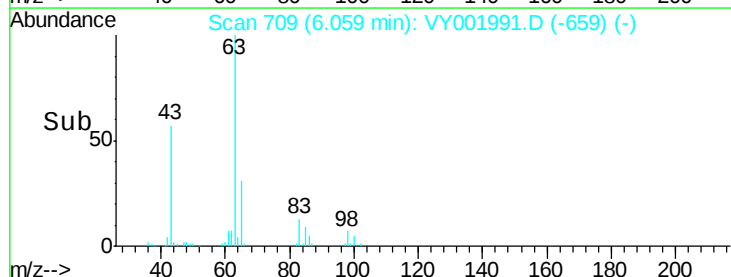
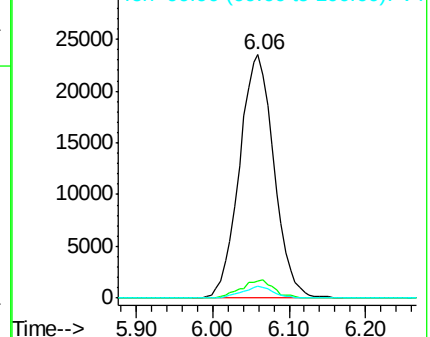
100 5.0 2.0 6.0

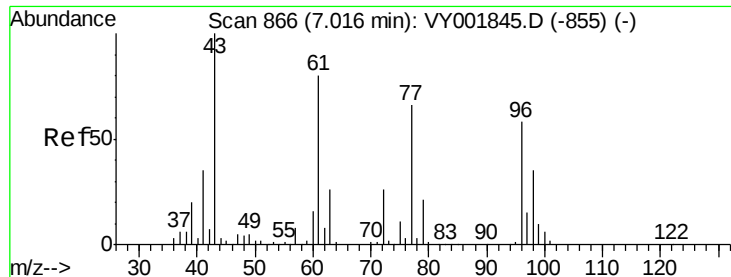


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 103.07 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

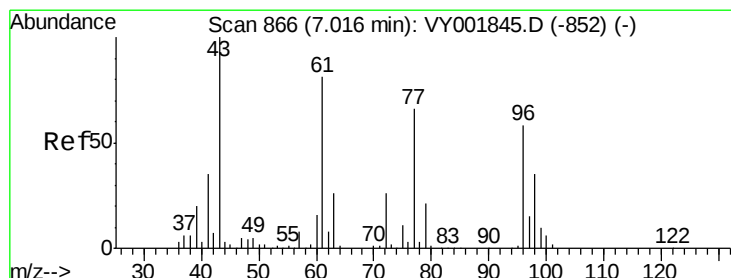
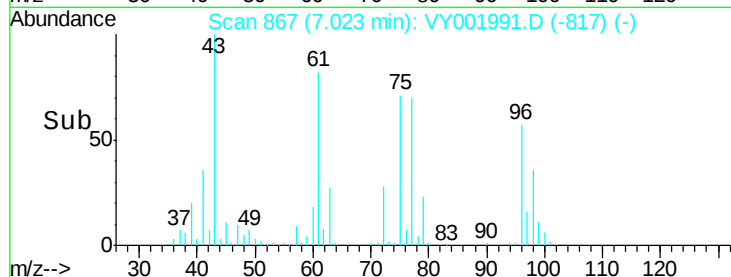
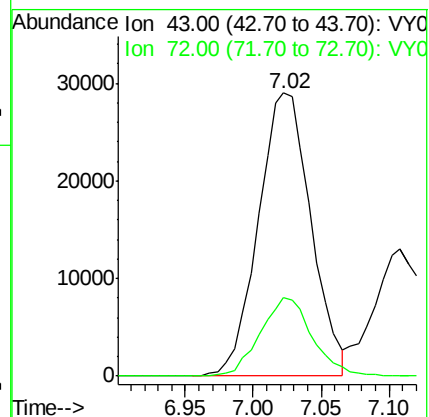
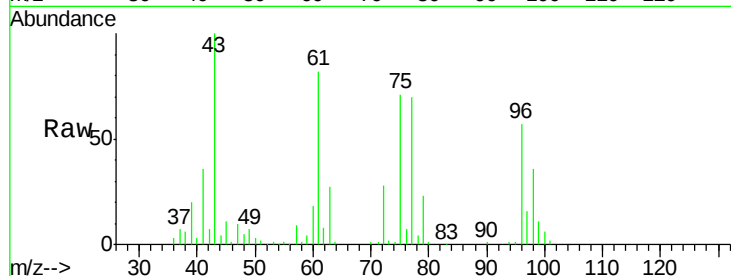
VY0317SBS01

Tgt Ion: 43 Resp: 78314

Ion Ratio Lower Upper

43 100

72 28.0 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.65 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001991.D

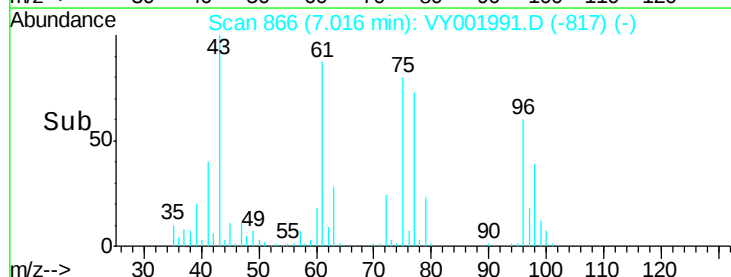
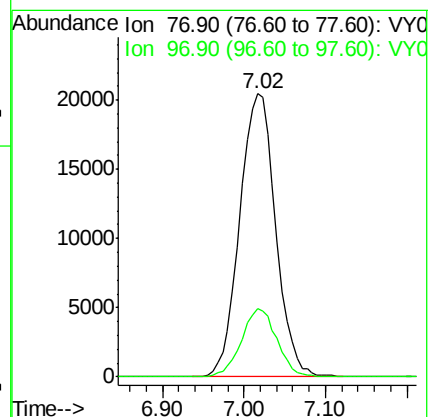
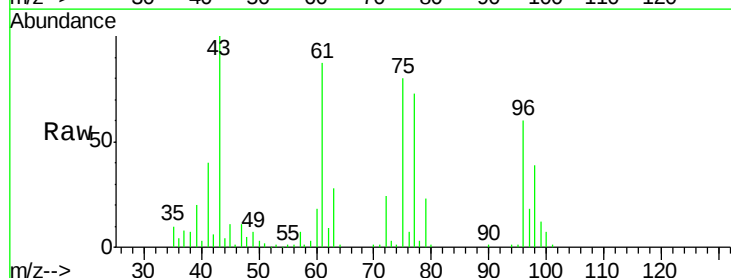
Acq: 17 Mar 2020 11:00

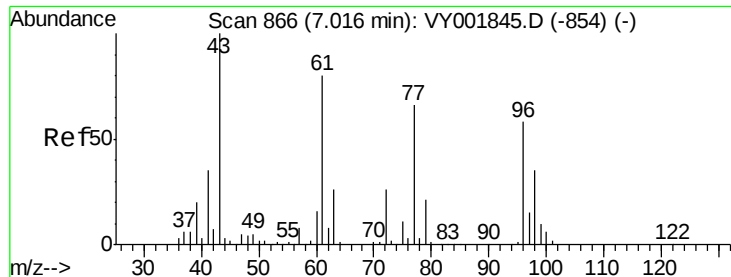
Tgt Ion: 77 Resp: 62462

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 21.33 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

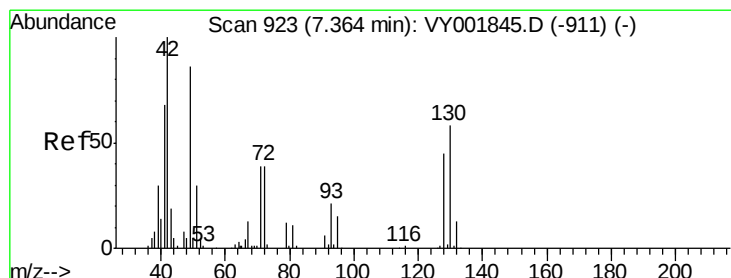
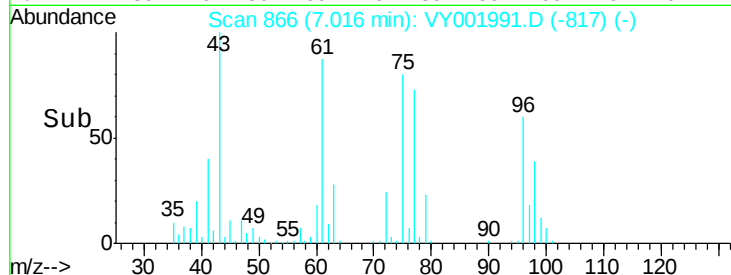
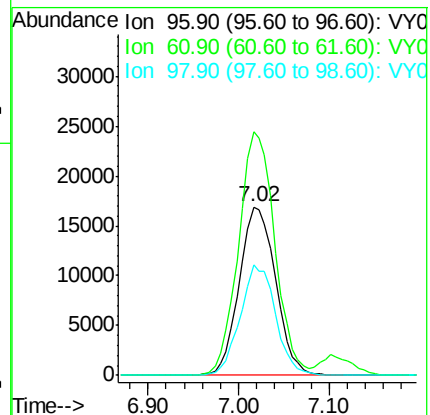
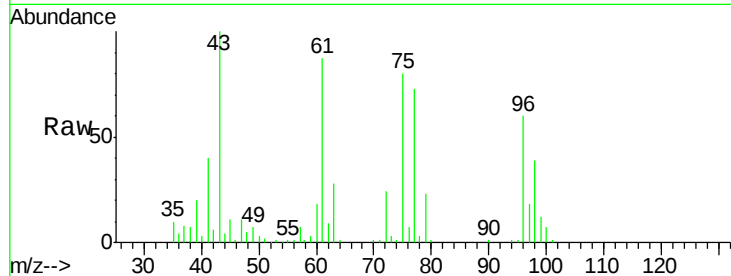
Tgt Ion: 96 Resp: 47057

Ion Ratio Lower Upper

96 100

61 143.8 0.0 288.2

98 63.2 0.0 129.0



#28

Bromochloromethane

Concen: 21.05 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

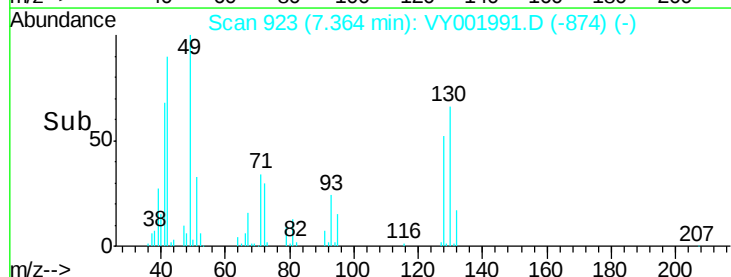
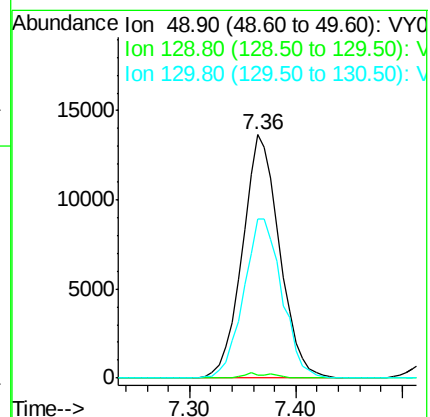
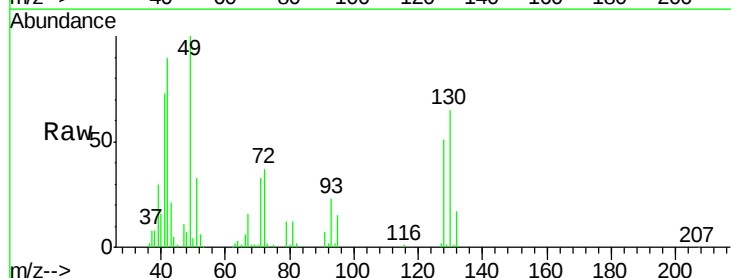
Tgt Ion: 49 Resp: 33356

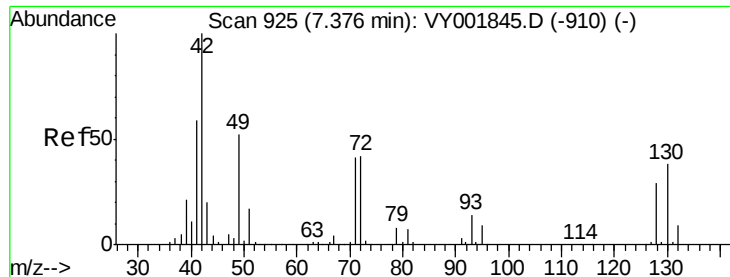
Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

130 67.4 54.4 81.6

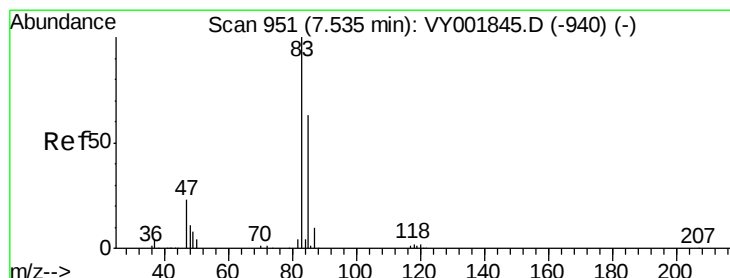
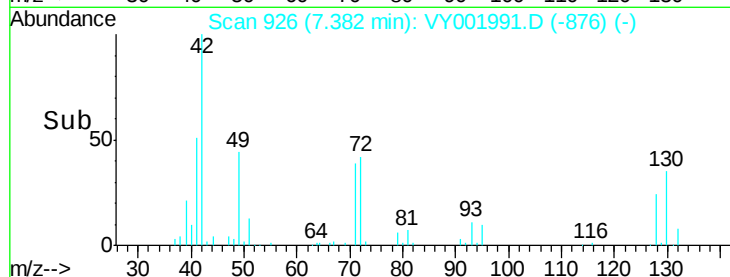
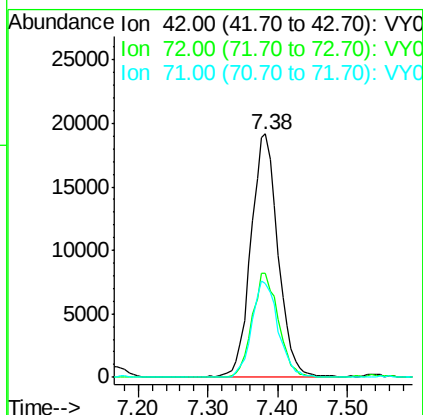
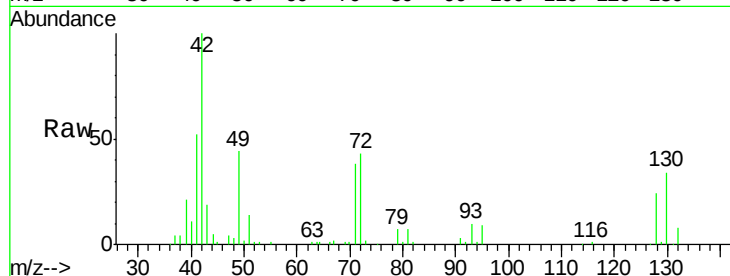




#29
Tetrahydrofuran
Concen: 102.40 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

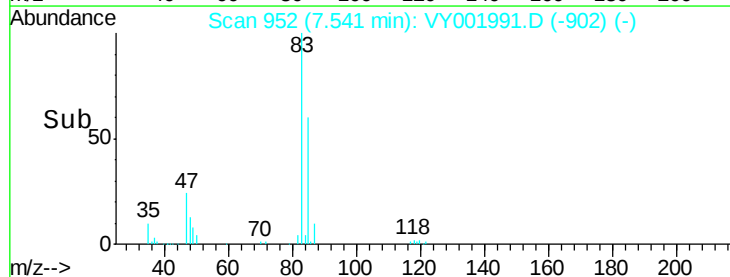
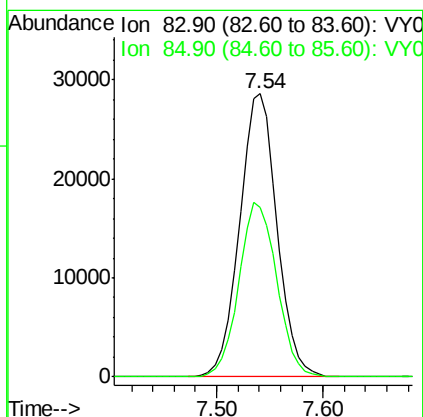
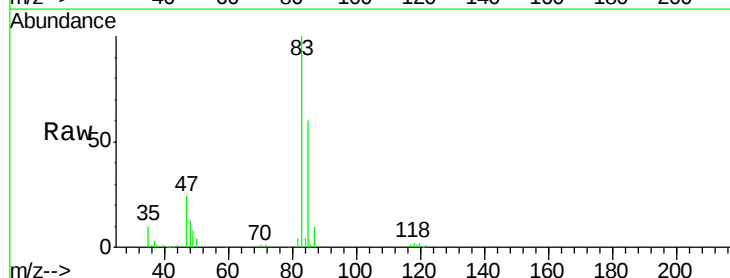
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

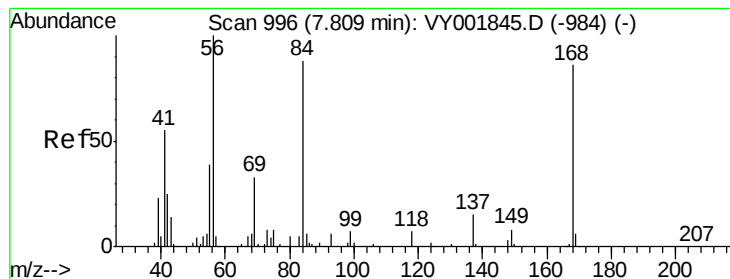
Tgt Ion: 42 Resp: 51670
Ion Ratio Lower Upper
42 100
72 41.3 33.5 50.3
71 38.2 31.3 46.9



#30
Chloroform
Concen: 21.32 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 83 Resp: 70434
Ion Ratio Lower Upper
83 100
85 60.0 50.7 76.1





#31

Cyclohexane

Concen: 19.83 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

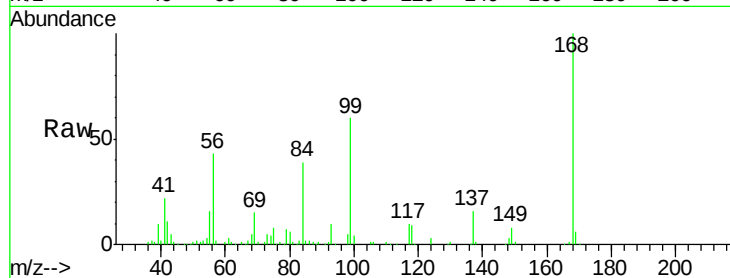
Tgt Ion: 56 Resp: 74767

Ion Ratio Lower Upper

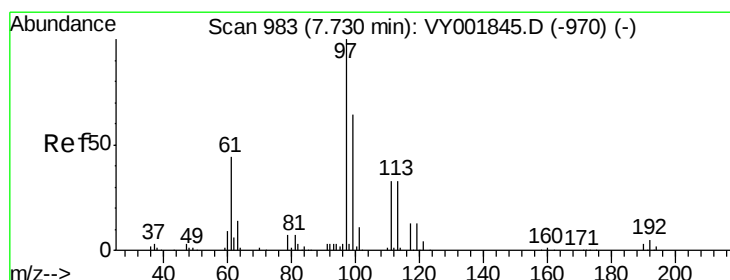
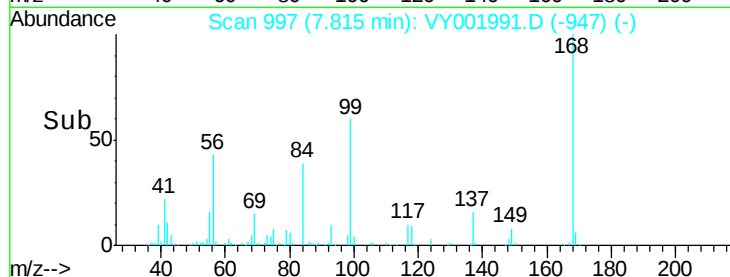
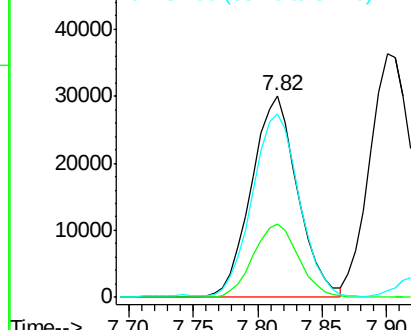
56 100

69 36.1 26.7 40.1

84 90.4 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.15 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

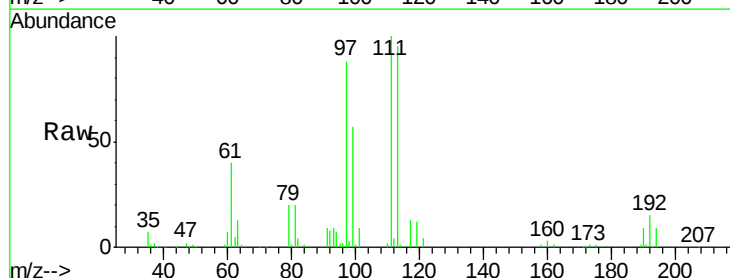
Tgt Ion: 97 Resp: 58878

Ion Ratio Lower Upper

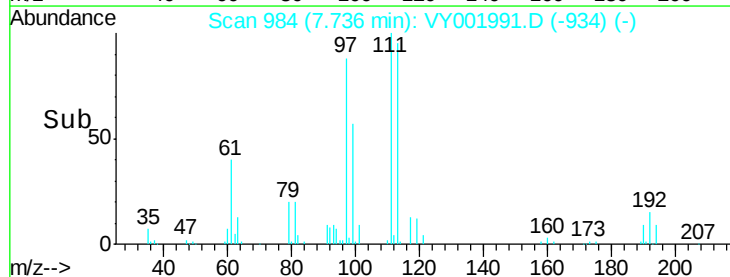
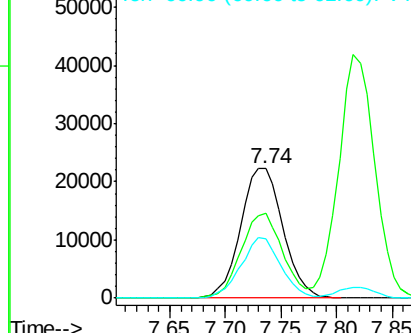
97 100

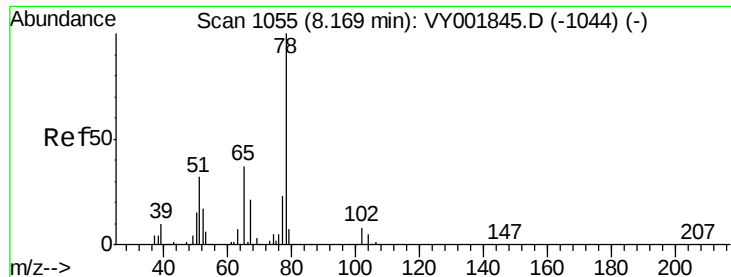
99 63.9 52.0 78.0

61 43.8 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

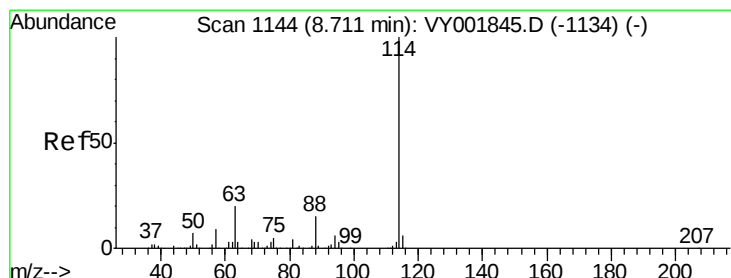
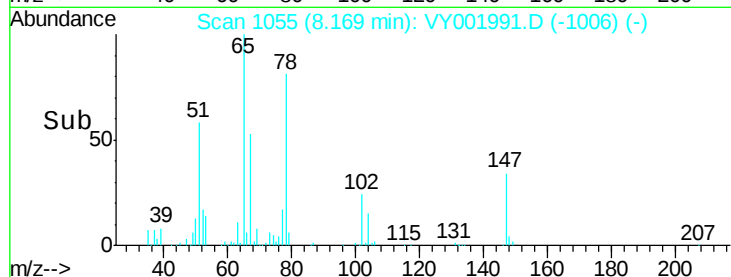
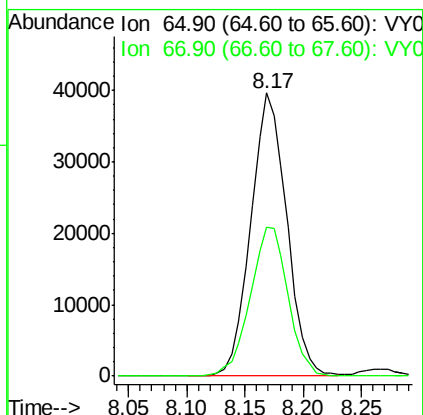
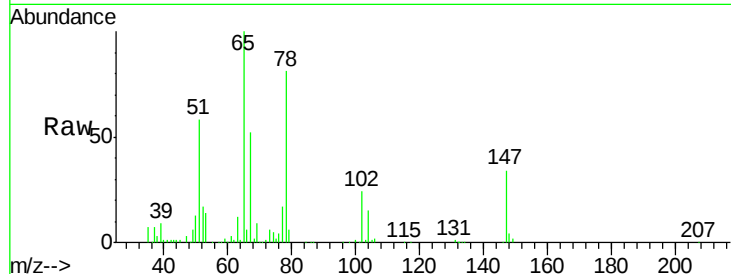




#33
 1,2-Dichloroethane-d4
 Concen: 49.54 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

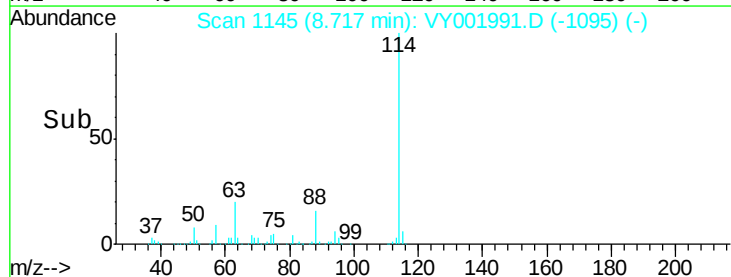
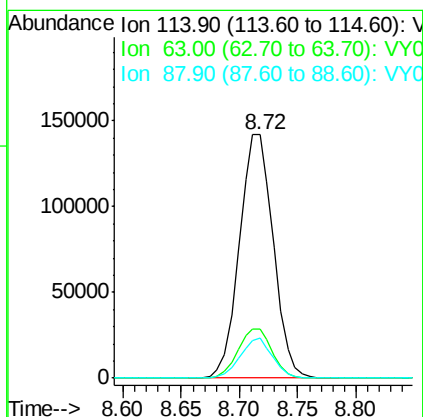
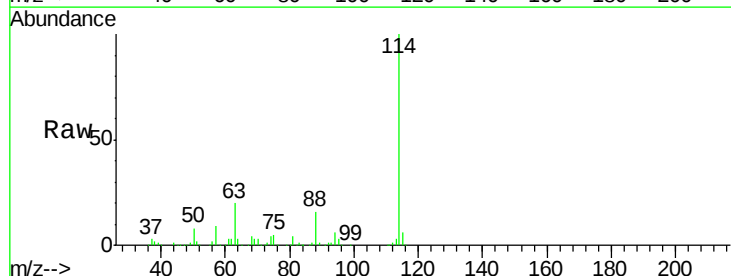
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

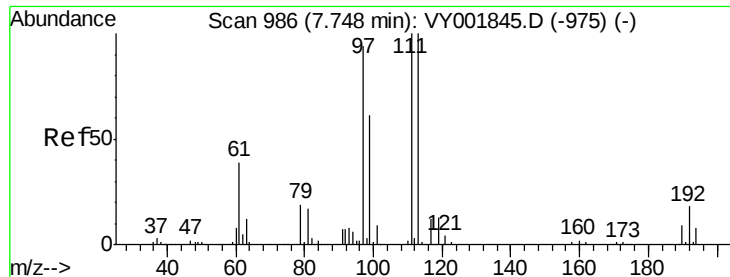
Tgt Ion: 65 Resp: 84975
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion: 114 Resp: 287794
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 16.5 0.0 30.4

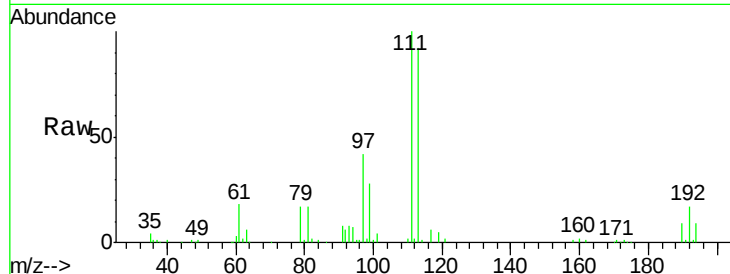




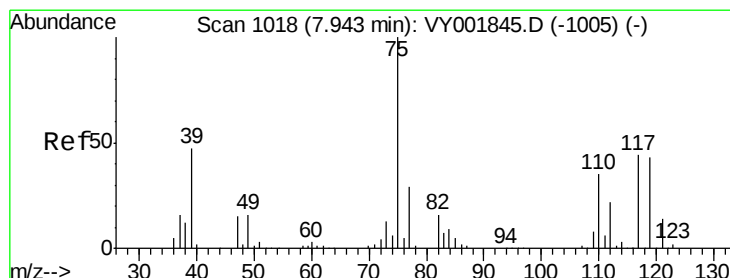
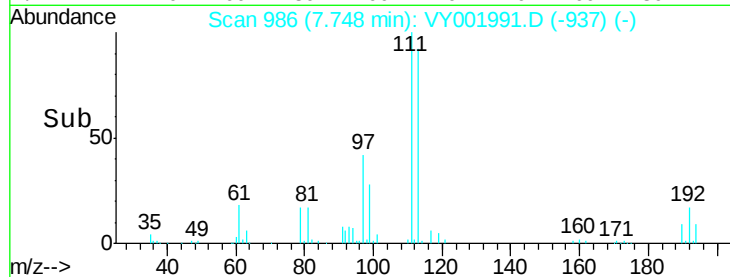
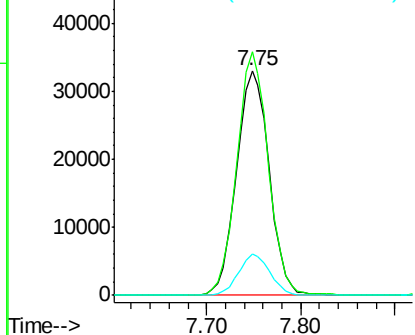
#35
 Dibromofluoromethane
 Concen: 50.89 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tgt Ion: 113 Resp: 79975
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.8 122.8
 192 17.7 14.2 21.2

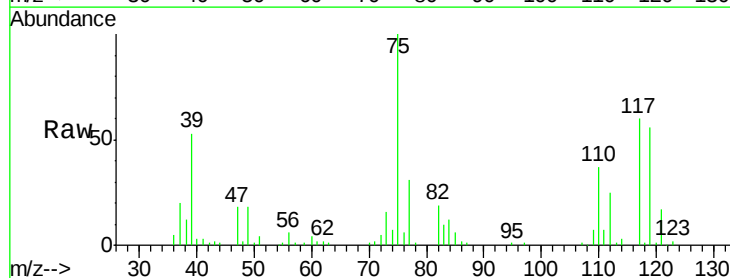


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

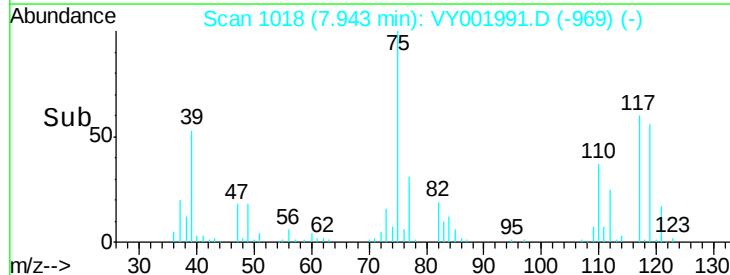
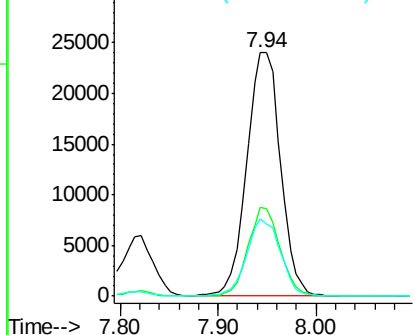


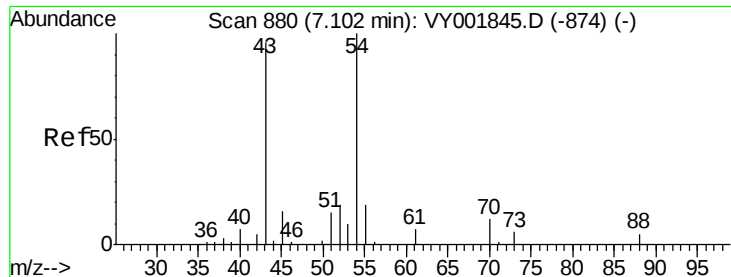
#36
 1,1-Dichloropropene
 Concen: 20.79 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion: 75 Resp: 57568
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.4 52.2
 77 31.7 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

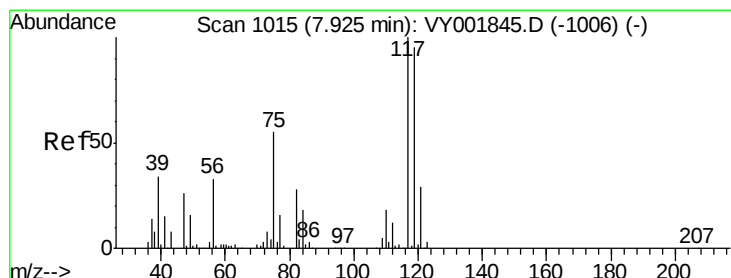
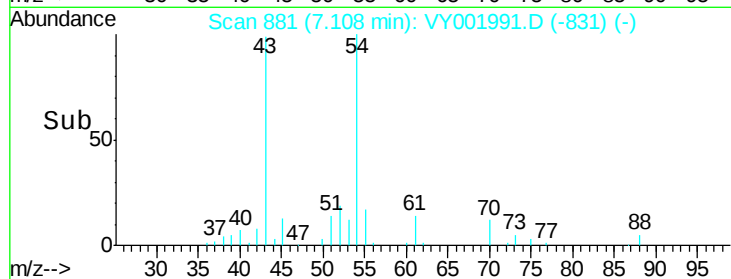
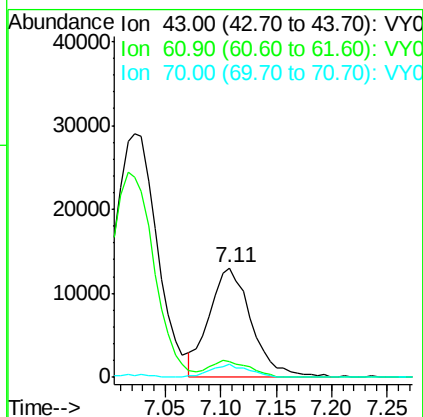
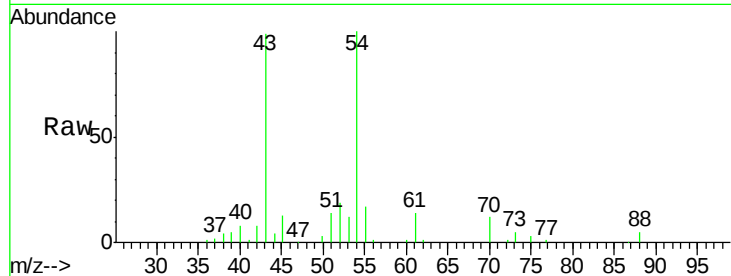




#37
Ethyl Acetate
Concen: 21.01 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

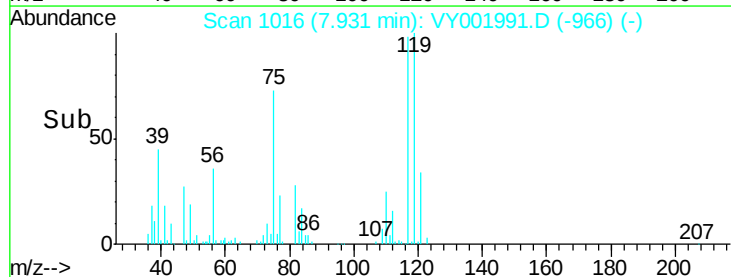
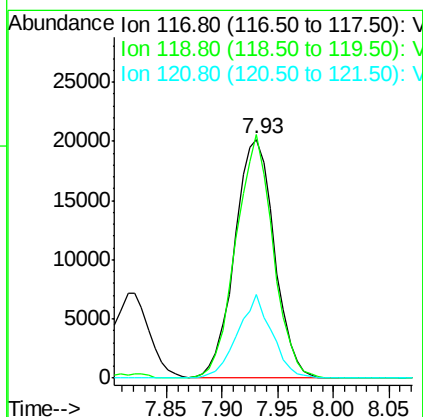
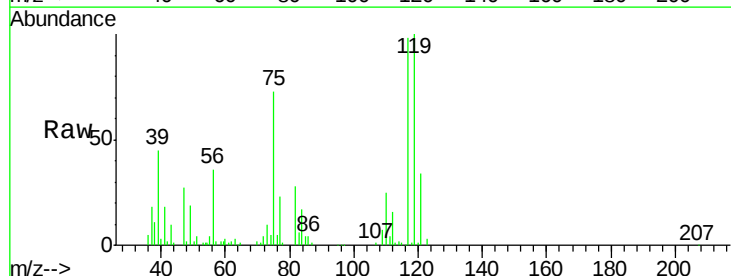
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

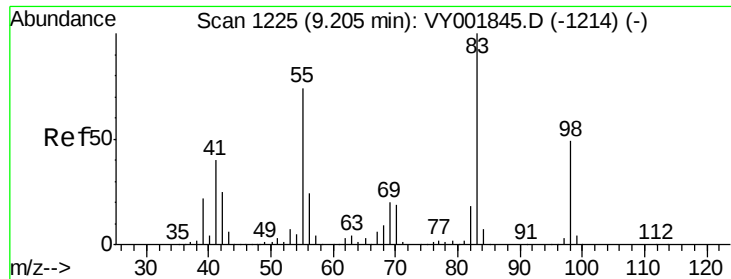
Tgt Ion: 43 Resp: 33814
Ion Ratio Lower Upper
43 100
61 14.7 11.1 16.7
70 11.1 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.17 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 117 Resp: 50075
Ion Ratio Lower Upper
117 100
119 101.9 76.3 114.5
121 35.0 23.5 35.3

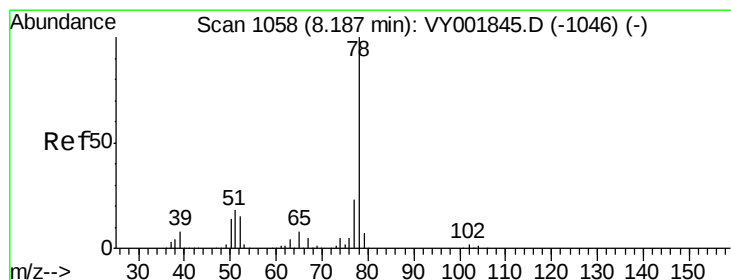
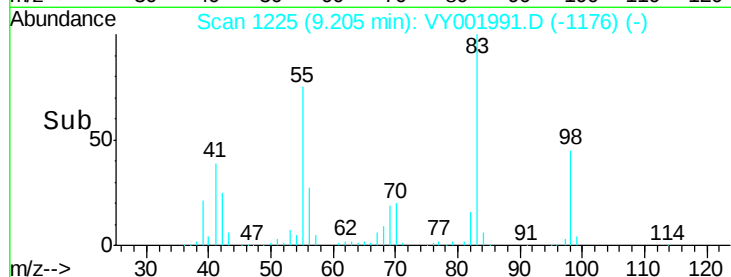
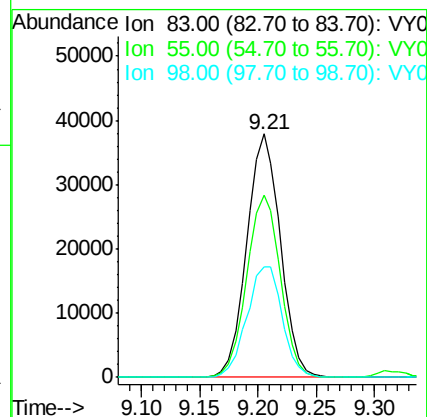
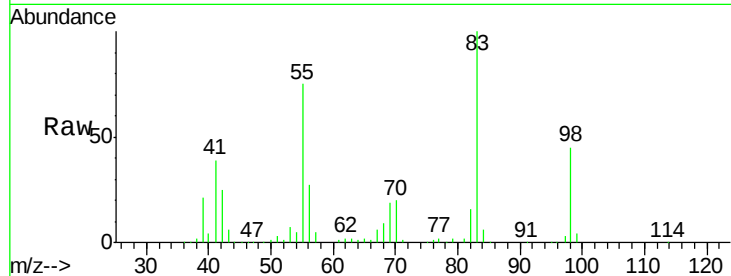




#39
Methylcyclohexane
Concen: 20.75 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

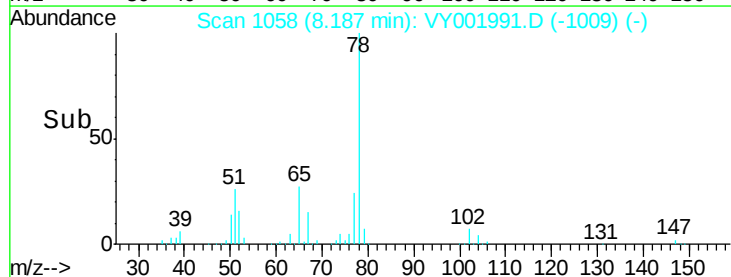
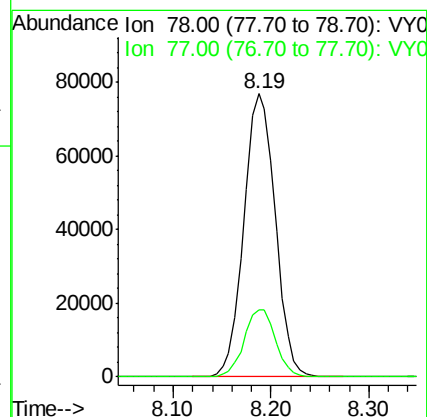
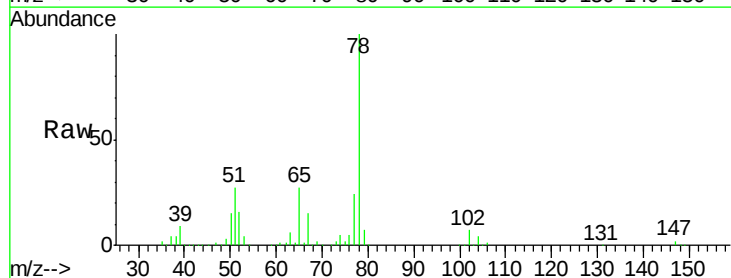
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

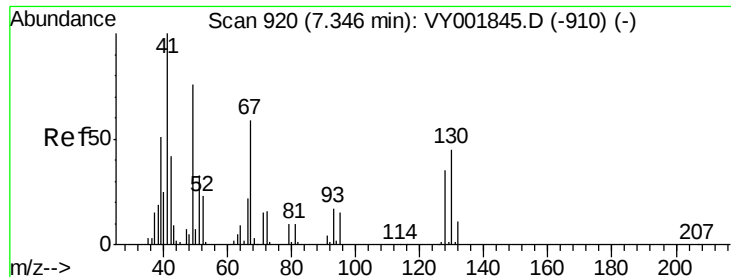
Tgt Ion: 83 Resp: 76222
Ion Ratio Lower Upper
83 100
55 74.7 59.4 89.0
98 45.3 38.9 58.3



#40
Benzene
Concen: 20.92 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 78 Resp: 171749
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1





#41

Methacrylonitrile

Concen: 62.01 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.03 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tgt Ion: 41 Resp: 44919

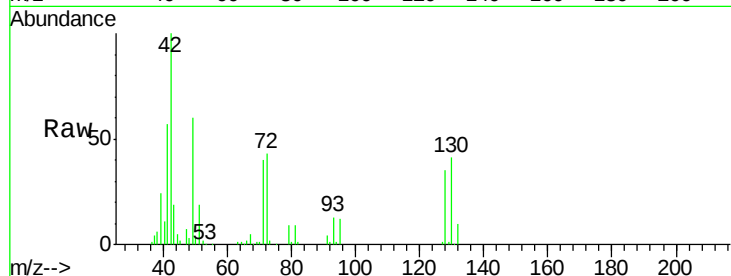
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

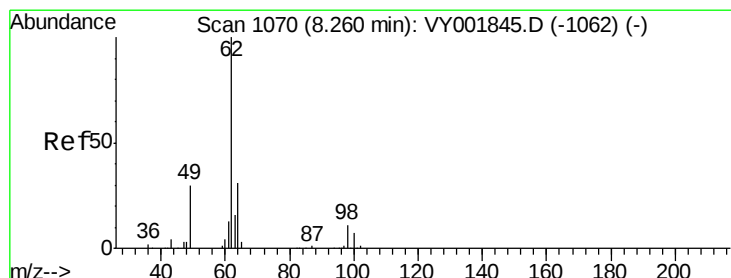
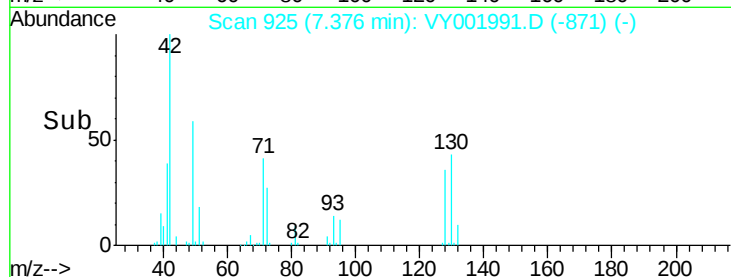
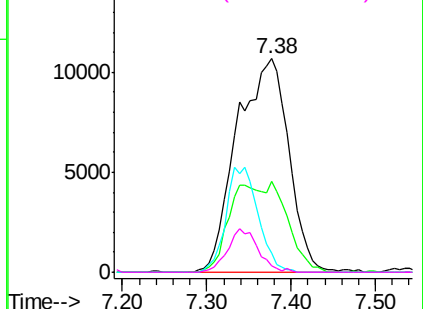


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.48 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VY001991.D

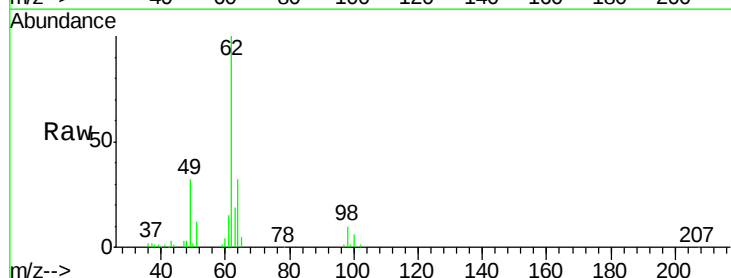
Acq: 17 Mar 2020 11:00

Tgt Ion: 62 Resp: 45429

Ion Ratio Lower Upper

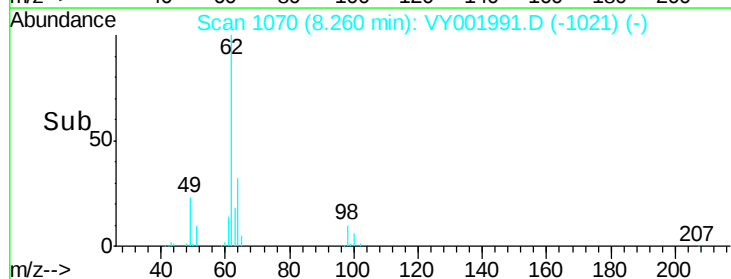
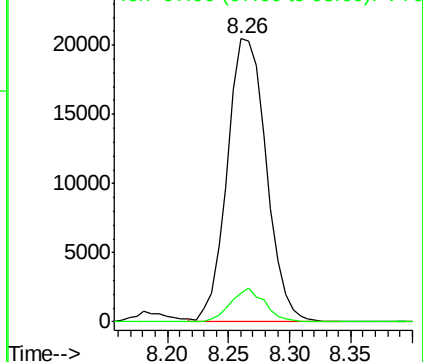
62 100

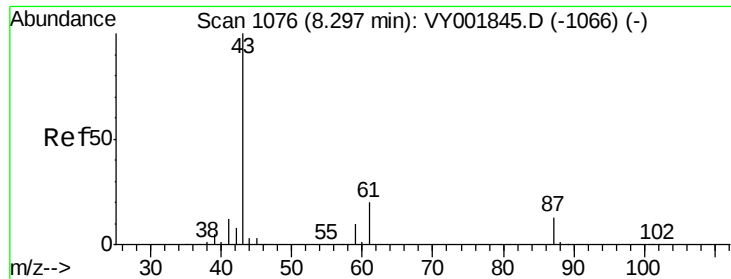
98 10.4 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.81 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

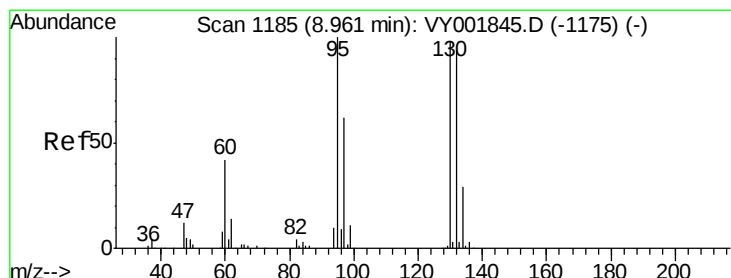
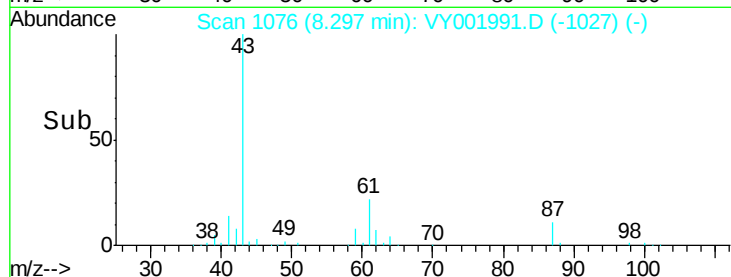
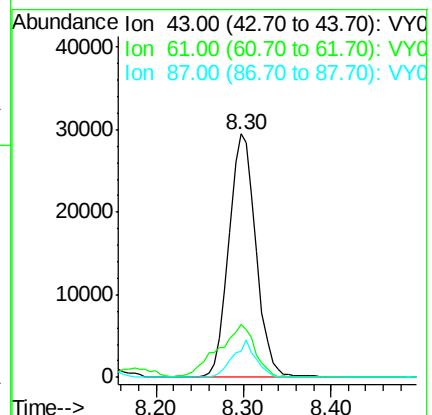
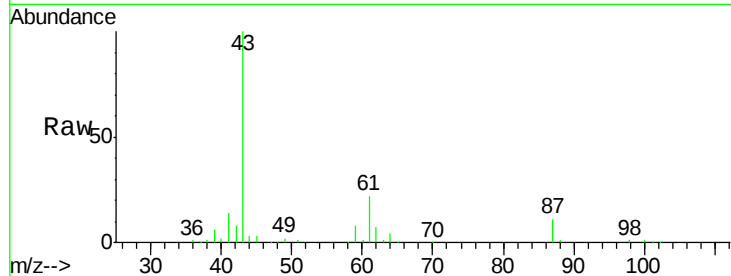
Tgt Ion: 43 Resp: 63422

Ion Ratio Lower Upper

43 100

61 29.3 23.8 35.6

87 12.8 10.9 16.3



#44

Trichloroethene

Concen: 21.23 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001991.D

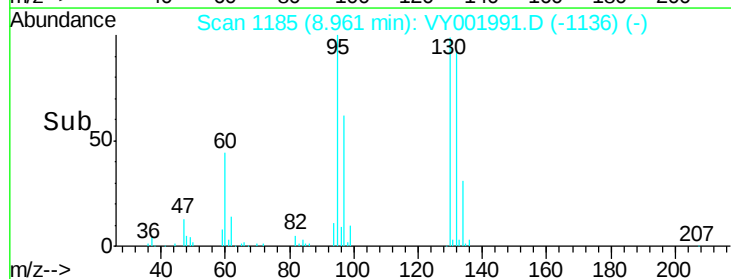
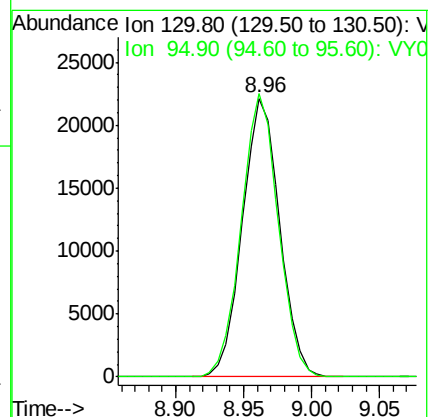
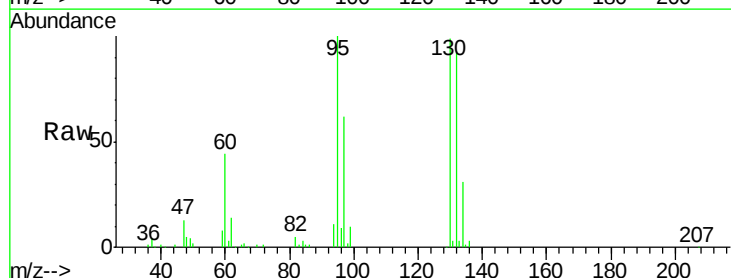
Acq: 17 Mar 2020 11:00

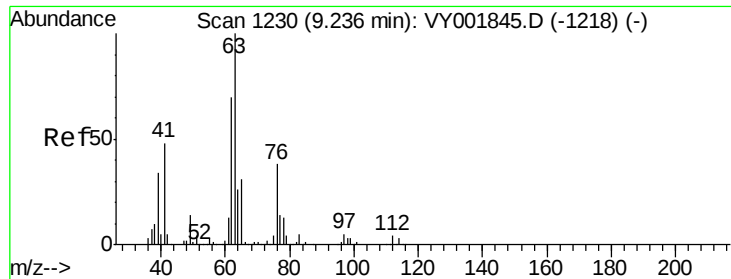
Tgt Ion: 130 Resp: 42445

Ion Ratio Lower Upper

130 100

95 101.5 0.0 204.6

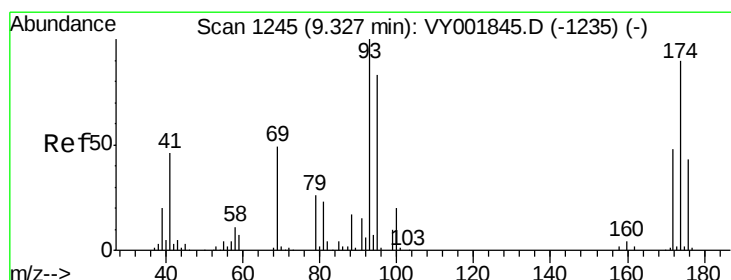
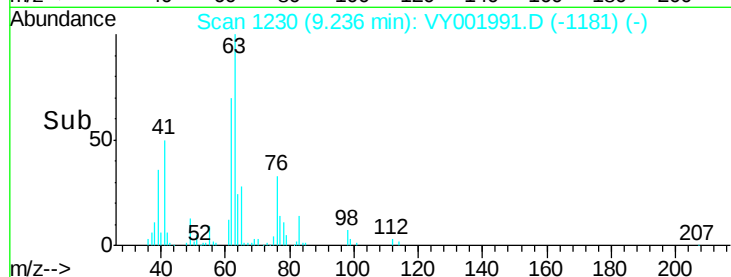
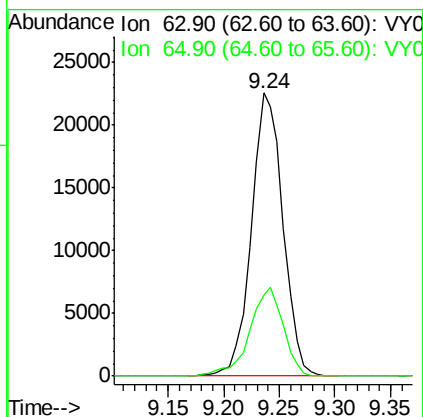
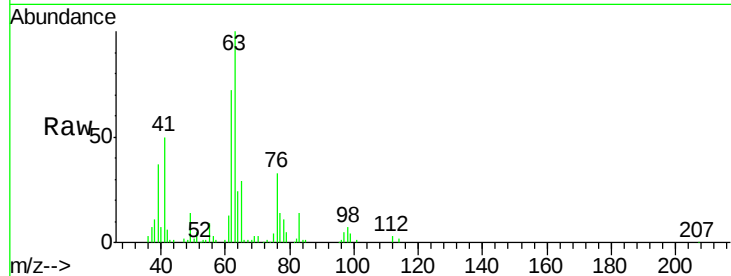




#45
 1,2-Dichloropropane
 Concen: 21.55 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

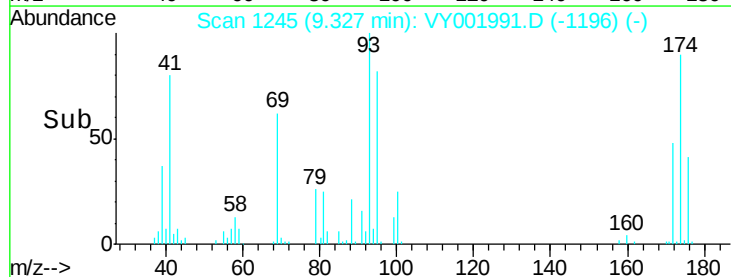
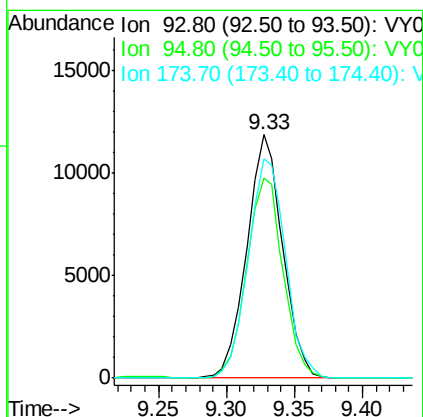
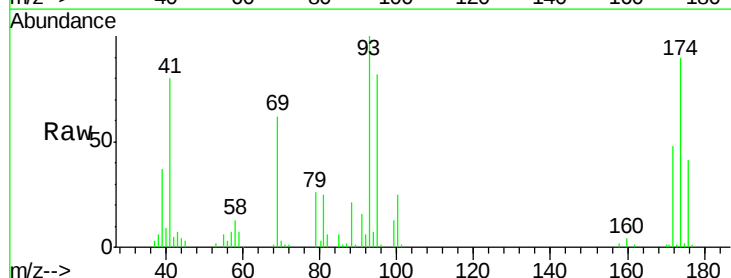
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

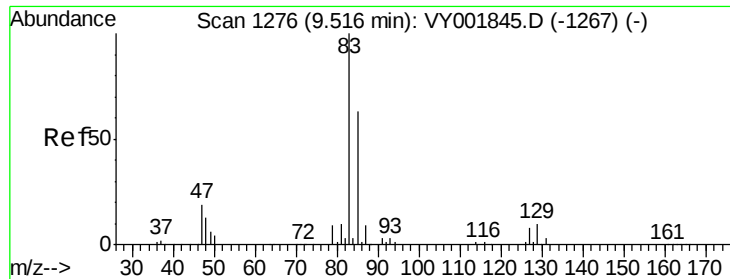
Tgt Ion: 63 Resp: 44478
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.9 37.3



#46
 Dibromomethane
 Concen: 20.60 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion: 93 Resp: 21901
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 93.7 71.8 107.8

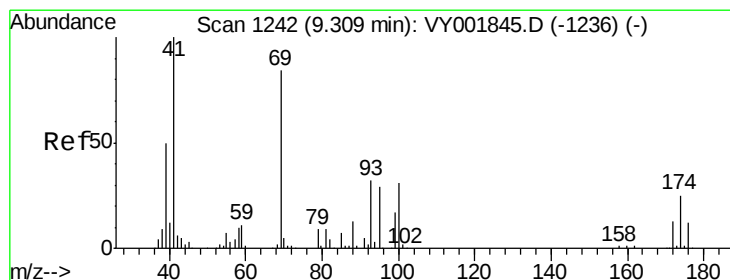
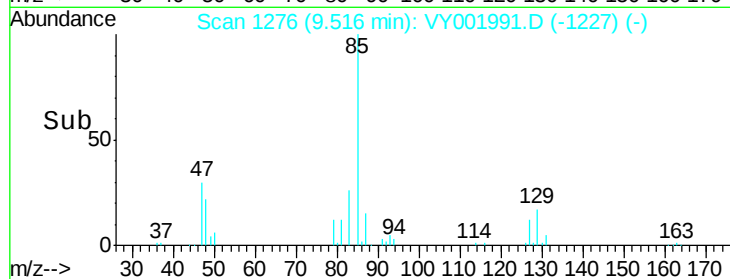
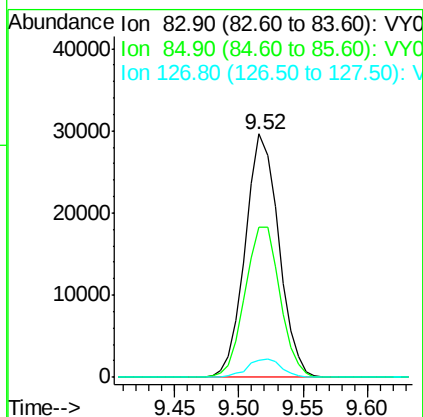
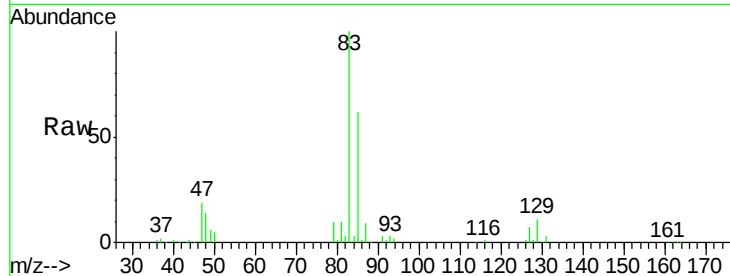




#47
 Bromodichloromethane
 Concen: 21.59 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

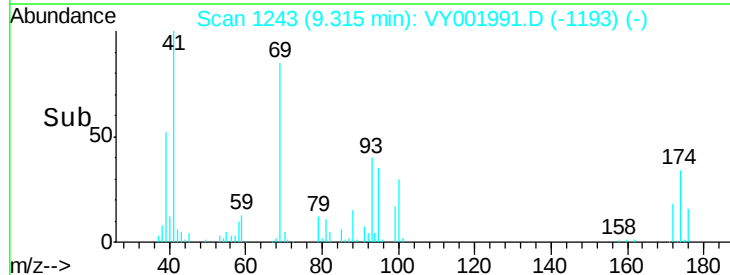
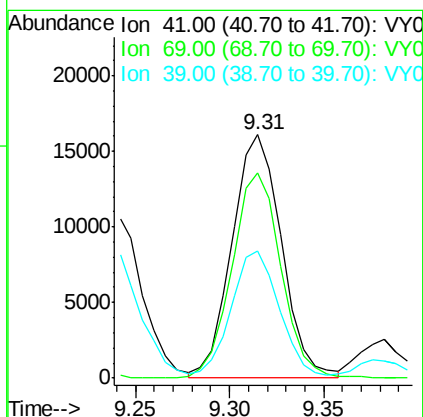
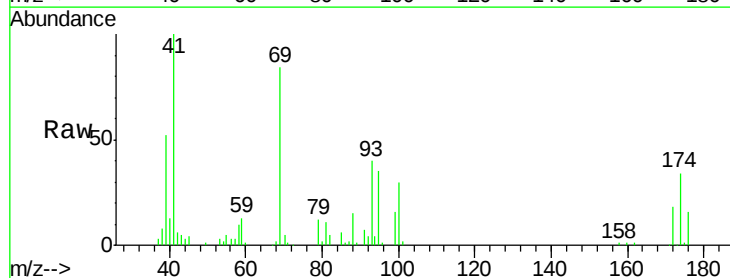
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

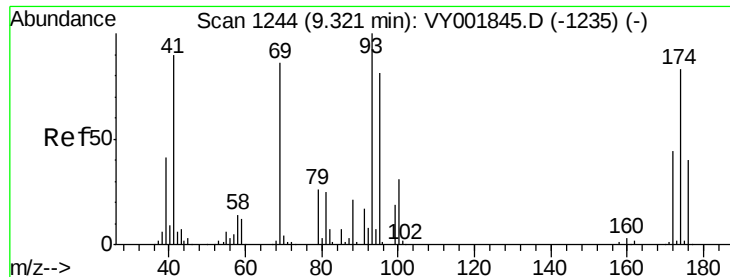
Tgt Ion: 83 Resp: 53406
 Ion Ratio Lower Upper
 83 100
 85 61.6 50.6 76.0
 127 7.1 6.2 9.4



#48
 Methyl methacrylate
 Concen: 21.75 ug/l
 RT: 9.31 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion: 41 Resp: 29407
 Ion Ratio Lower Upper
 41 100
 69 83.2 69.0 103.6
 39 48.7 39.1 58.7





#49

1,4-Dioxane

Concen: 425.85 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

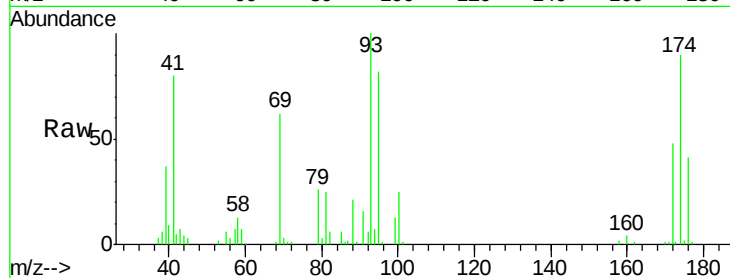
Tgt Ion: 88 Resp: 6205

Ion Ratio Lower Upper

88 100

43 27.5 25.0 37.6

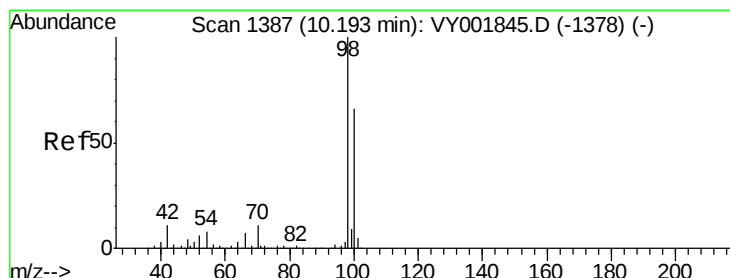
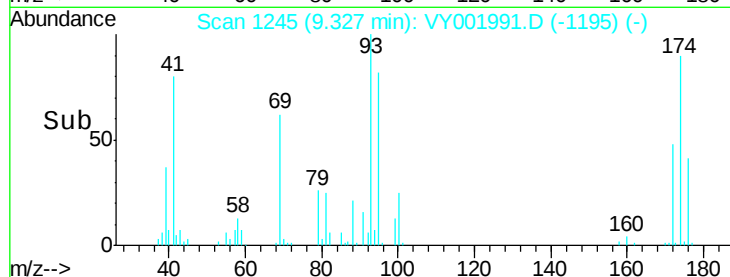
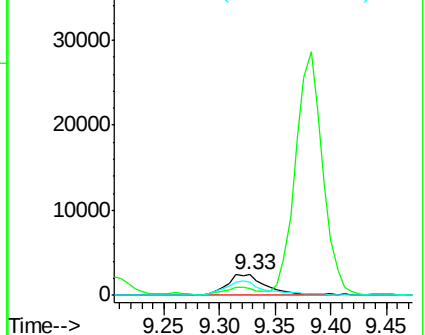
58 72.0 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 49.40 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001991.D

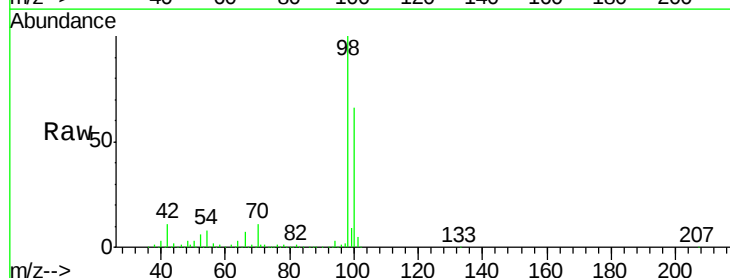
Acq: 17 Mar 2020 11:00

Tgt Ion: 98 Resp: 327365

Ion Ratio Lower Upper

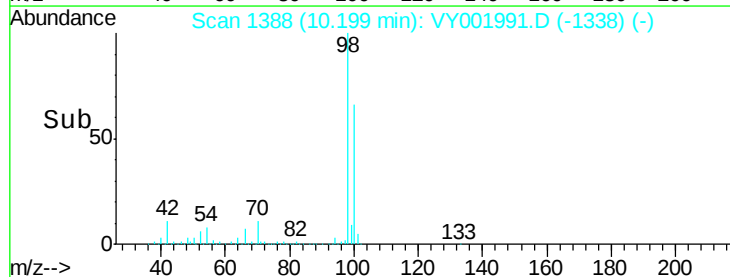
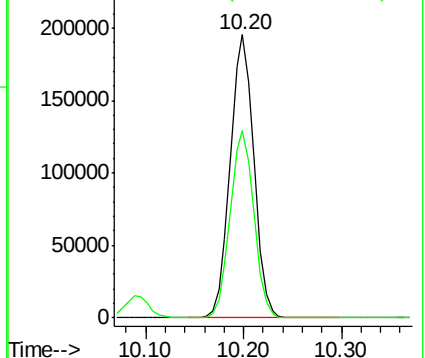
98 100

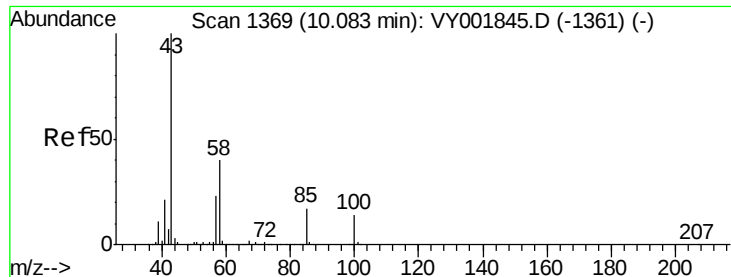
100 66.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 112.81 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

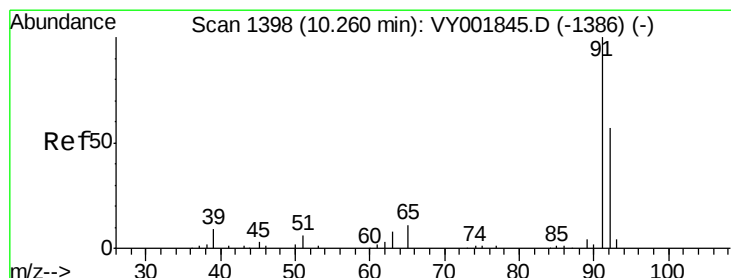
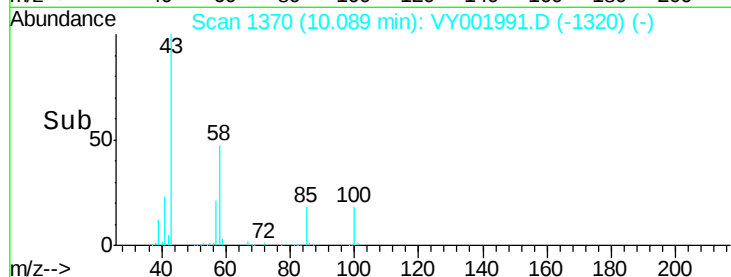
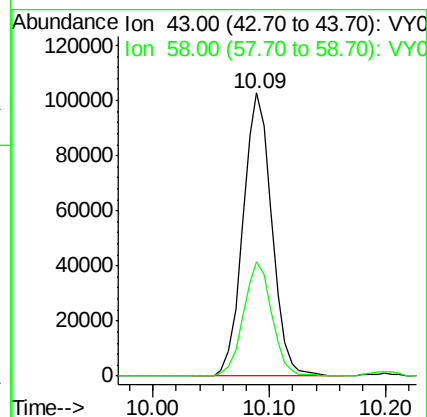
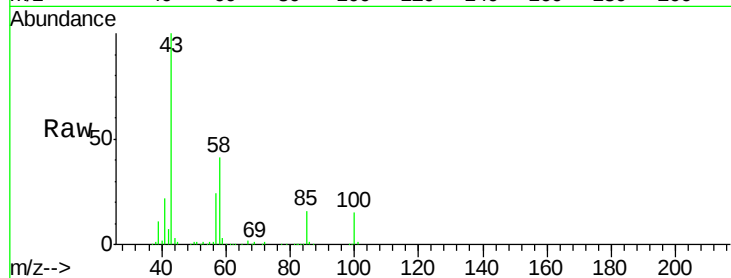
VY0317SBS01

Tgt Ion: 43 Resp: 177074

Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0



#52

Toluene

Concen: 21.15 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VY001991.D

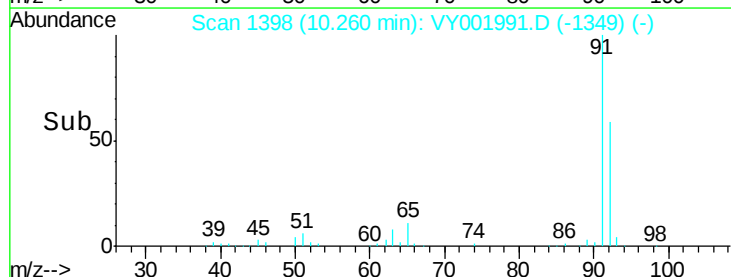
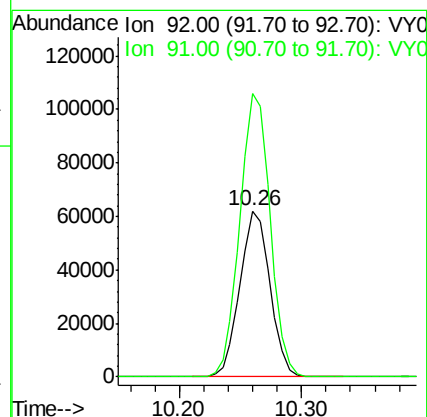
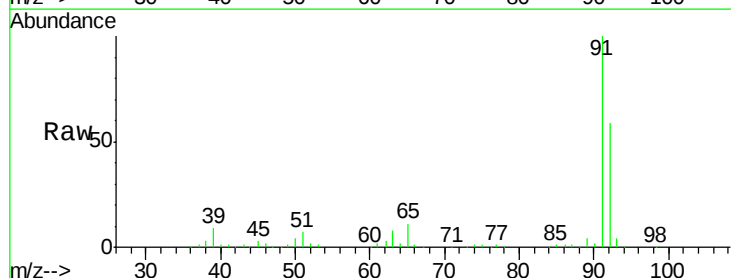
Acq: 17 Mar 2020 11:00

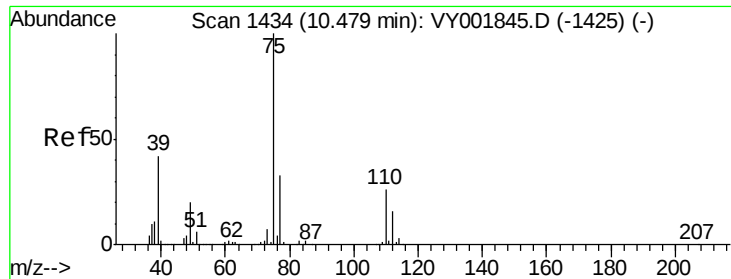
Tgt Ion: 92 Resp: 105452

Ion Ratio Lower Upper

92 100

91 172.5 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.01 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

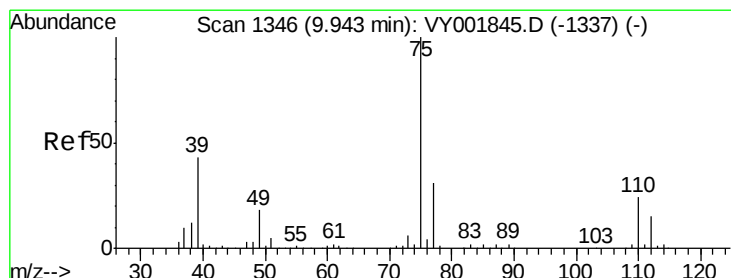
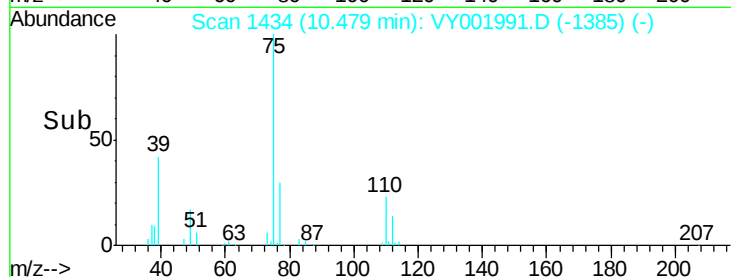
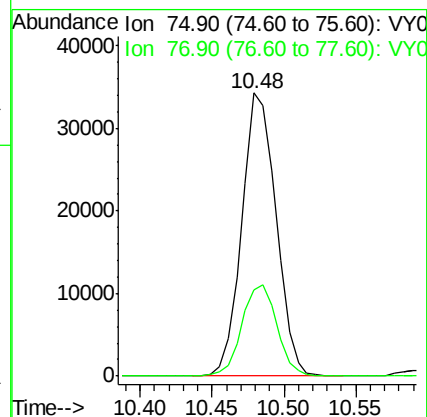
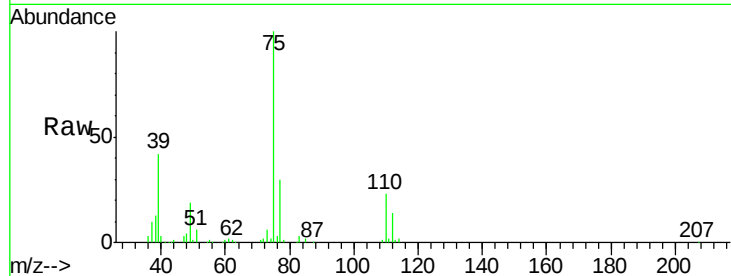
VY0317SBS01

Tgt Ion: 75 Resp: 56614

Ion Ratio Lower Upper

75 100

77 30.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 21.06 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

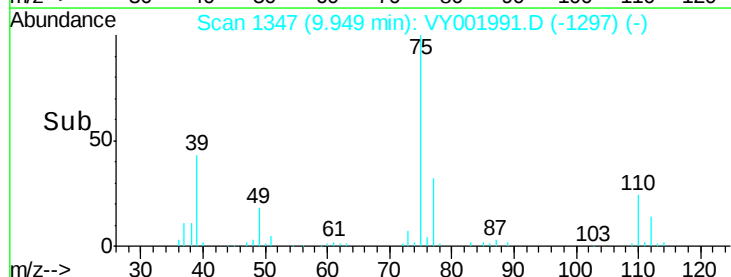
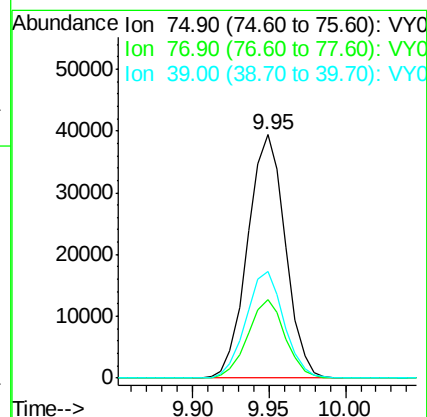
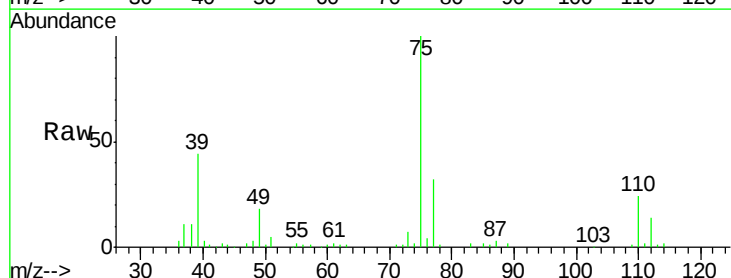
Tgt Ion: 75 Resp: 67579

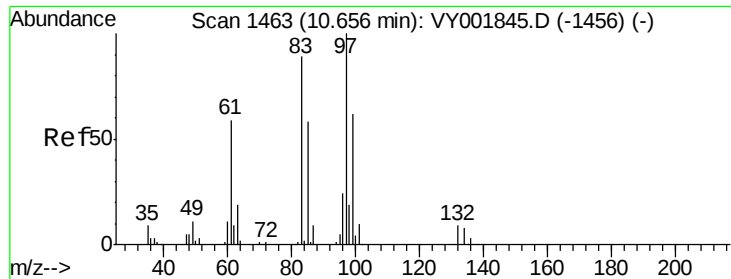
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 43.9 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 21.41 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

Tgt Ion: 97 Resp: 33316

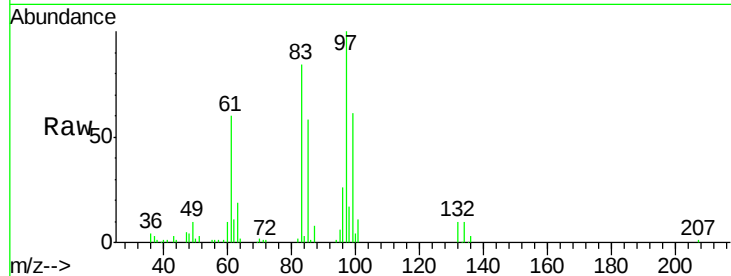
Ion Ratio Lower Upper

97 100

83 84.4 71.6 107.4

85 58.2 46.6 69.8

99 61.1 49.8 74.6



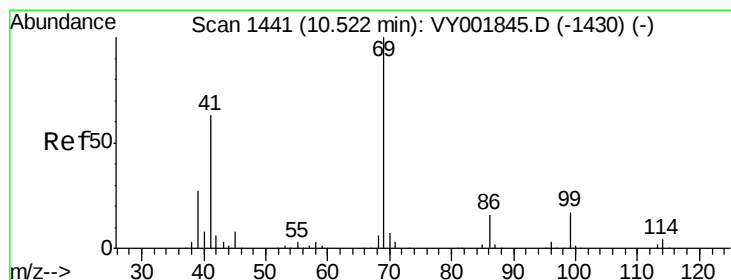
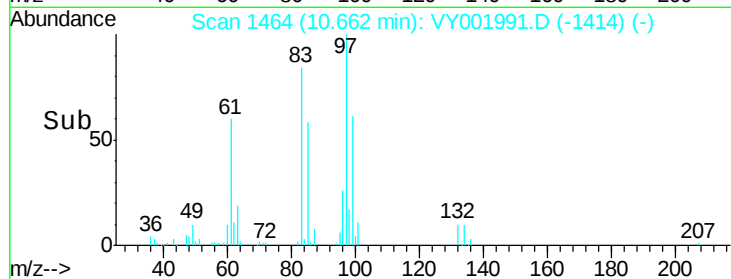
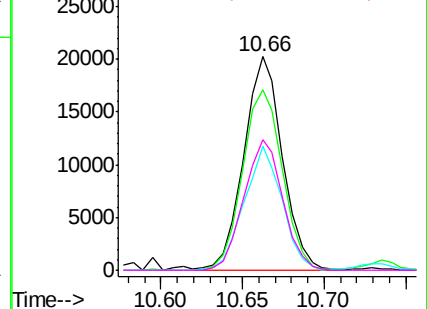
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 20.83 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

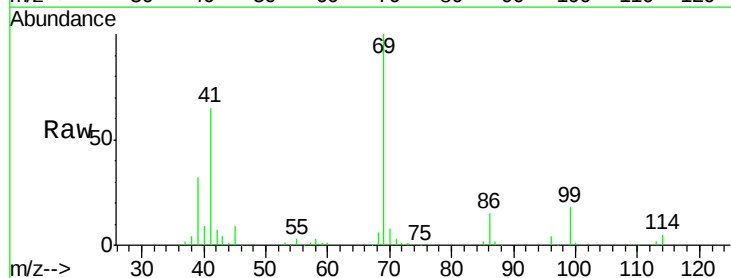
Tgt Ion: 69 Resp: 47513

Ion Ratio Lower Upper

69 100

41 65.7 49.9 74.9

39 32.2 23.0 34.6

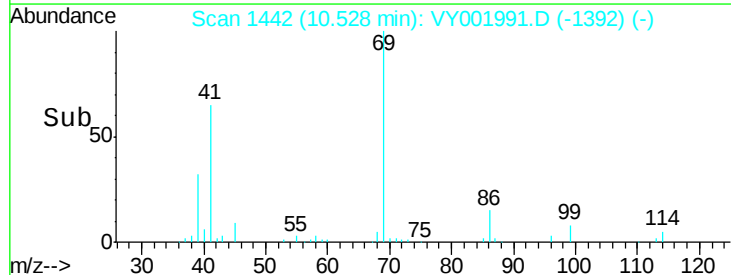
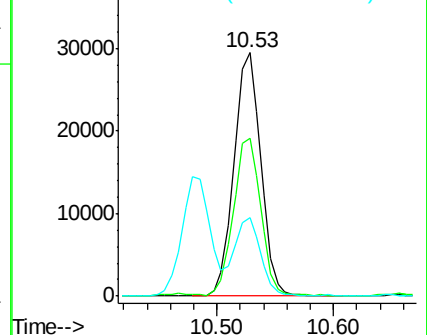


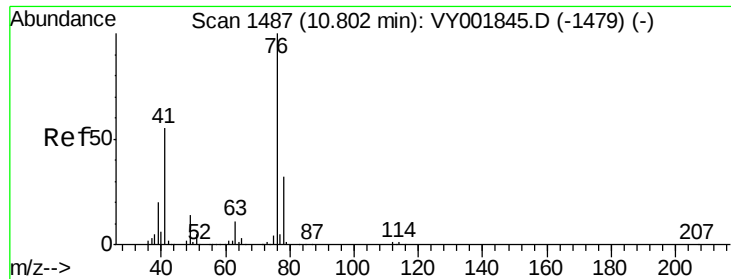
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

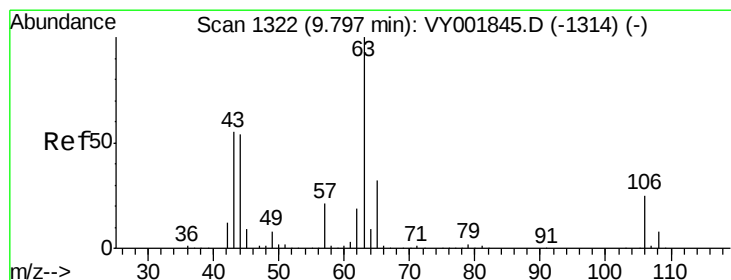
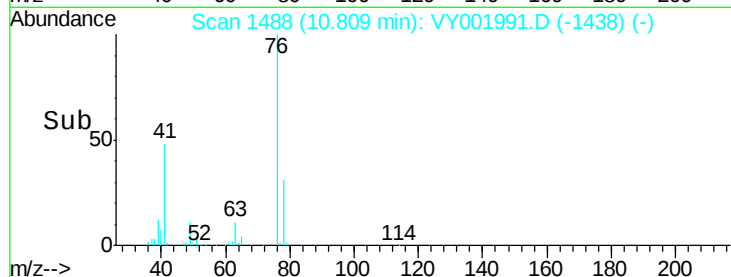
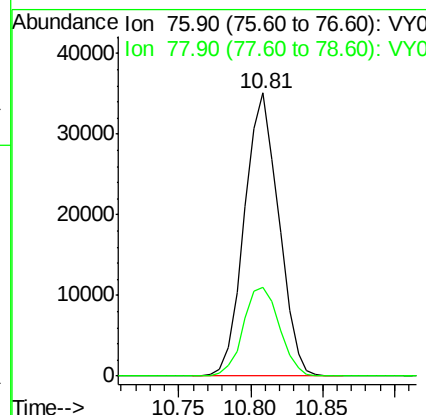
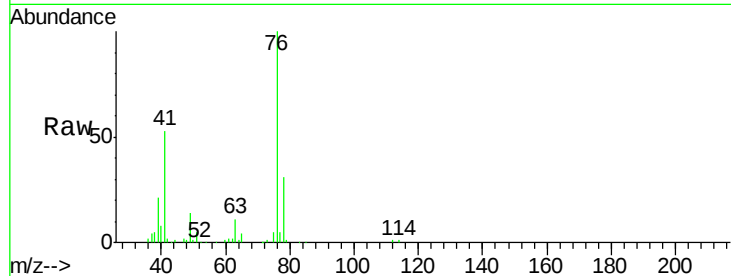




#57
 1,3-Dichloropropane
 Concen: 20.88 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

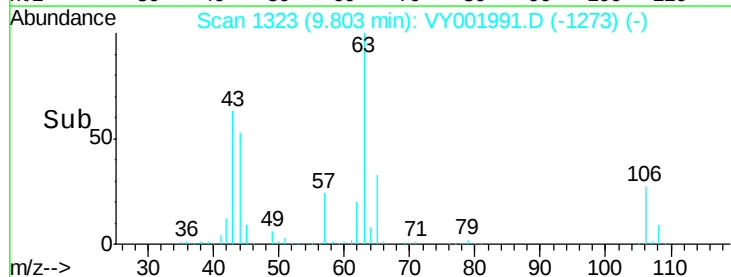
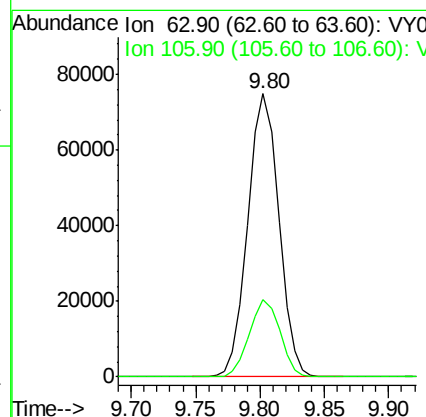
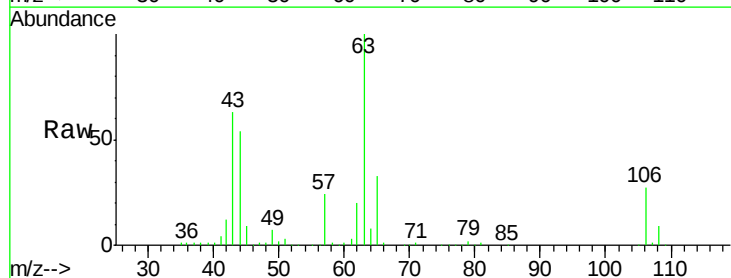
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

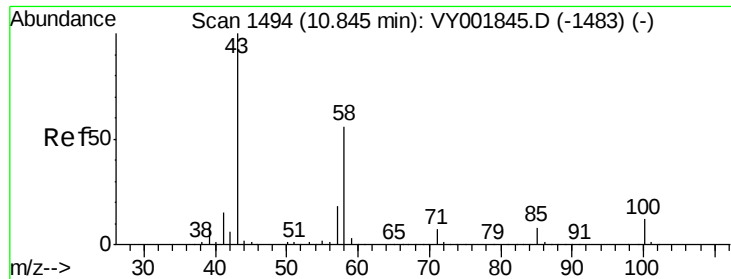
Tgt Ion: 76 Resp: 57919
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 142.53 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion: 63 Resp: 124676
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.3 31.9

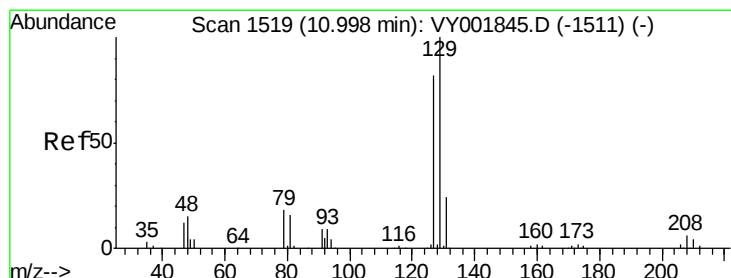
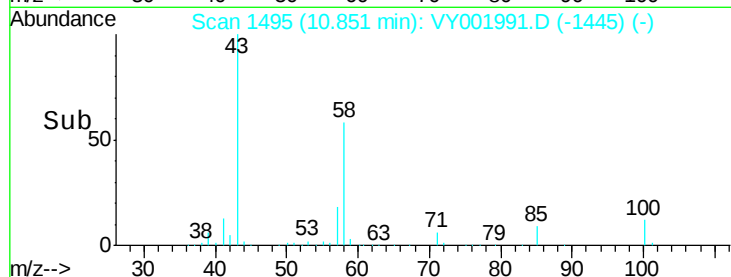
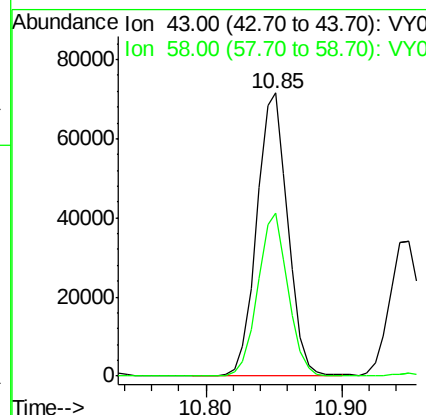
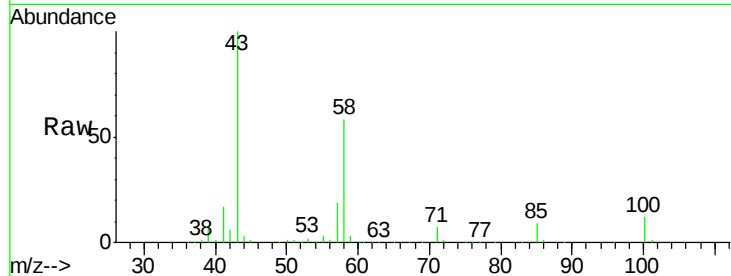




#59
2-Hexanone
Concen: 102.08 ug/l
RT: 10.85 min Scan# 1495
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

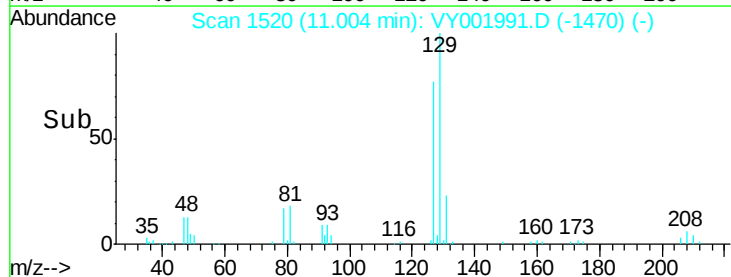
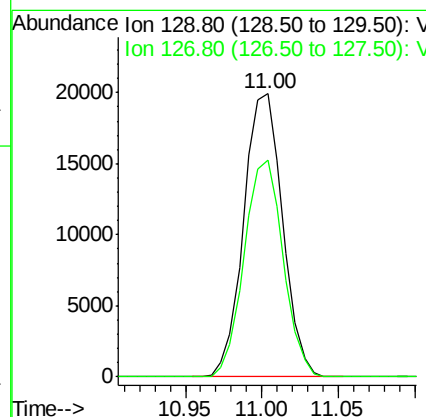
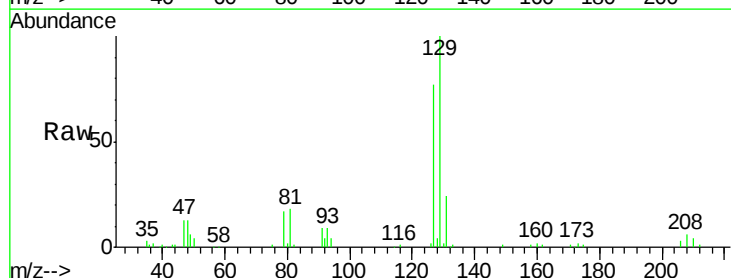
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

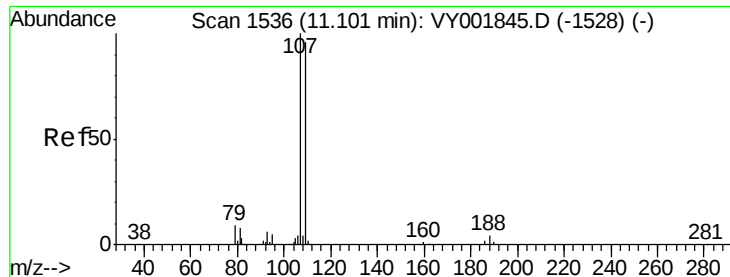
Tgt Ion: 43 Resp: 114369
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 21.48 ug/l
RT: 11.00 min Scan# 1520
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 129 Resp: 35226
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

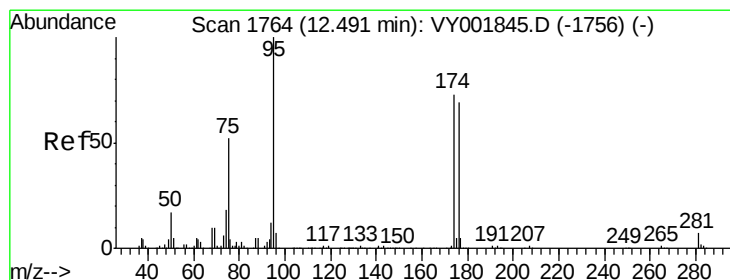
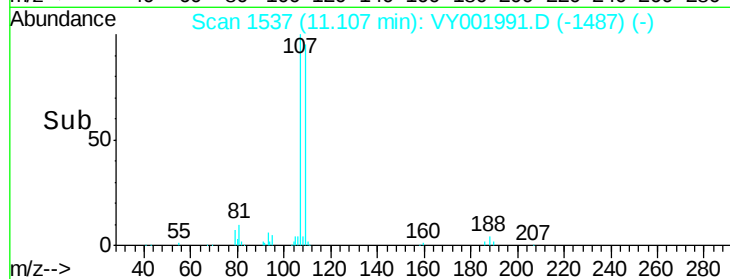
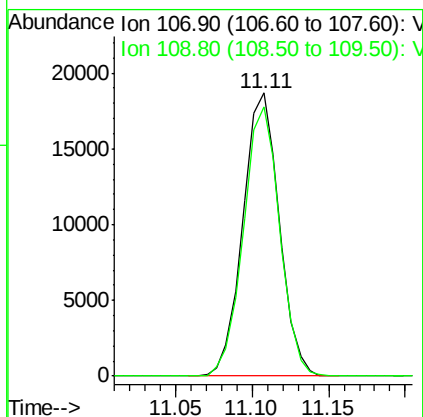
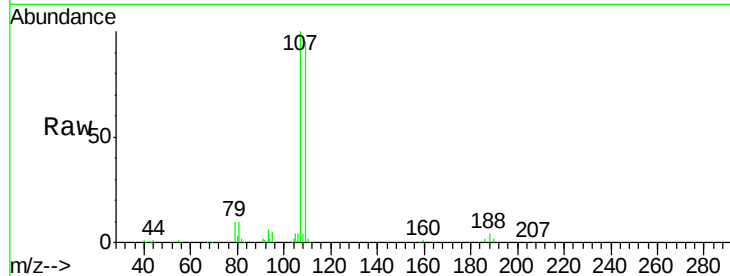




#61
 1,2-Dibromoethane
 Concen: 20.93 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

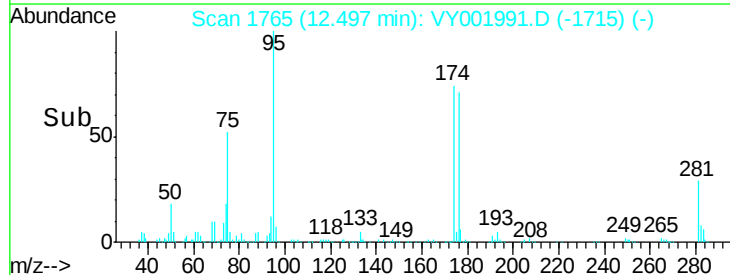
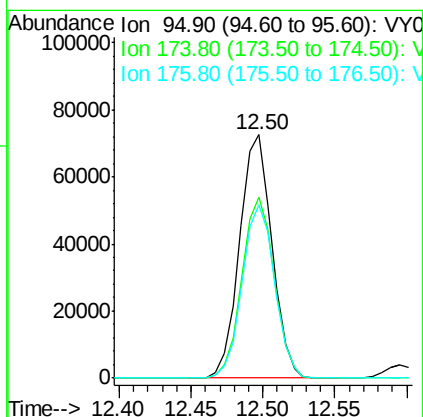
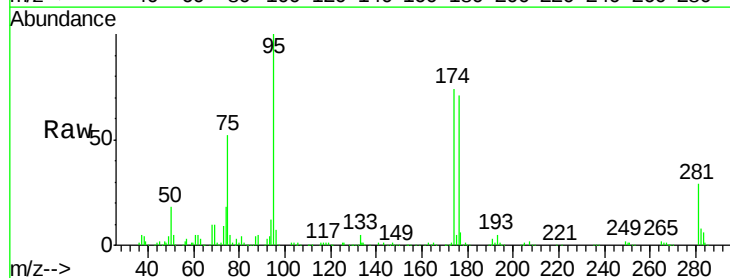
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

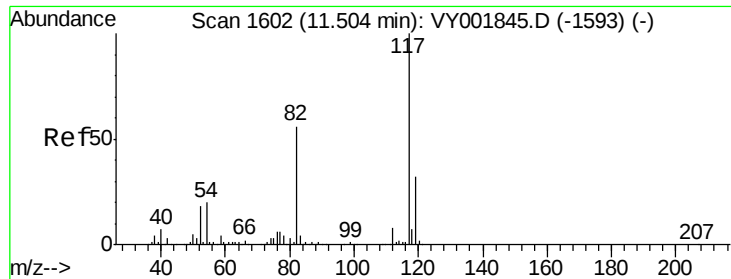
Tgt Ion: 107 Resp: 30849
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.00 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion: 95 Resp: 112911
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 145.0
 176 71.2 0.0 137.4

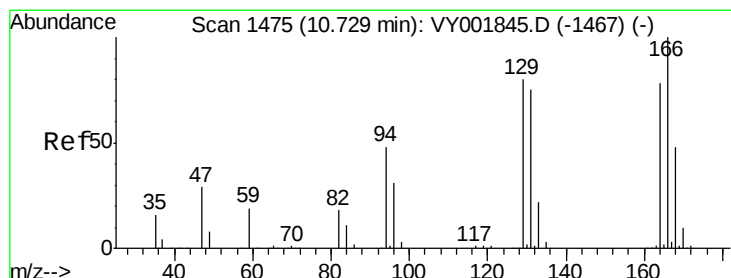
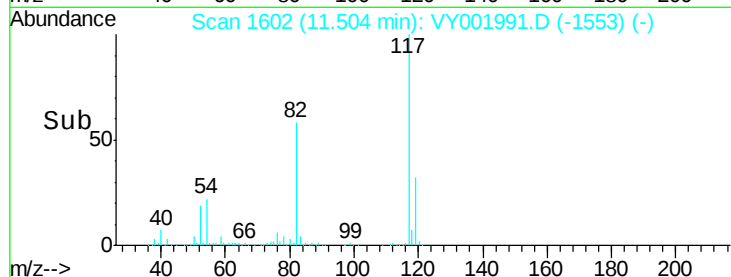
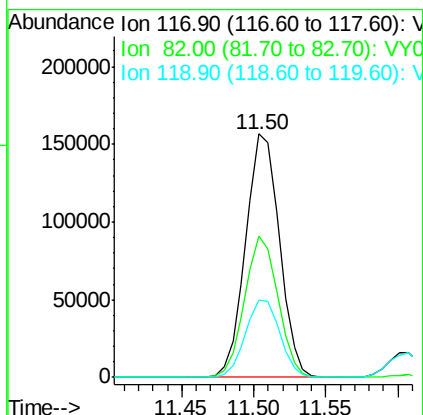
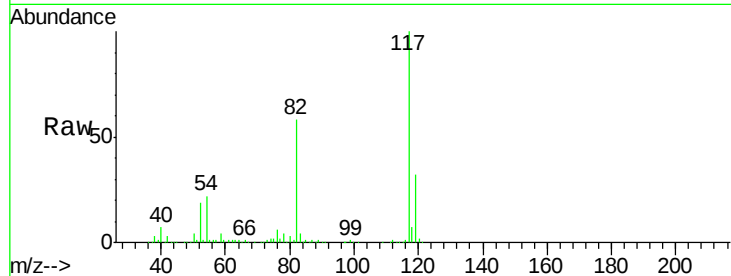




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

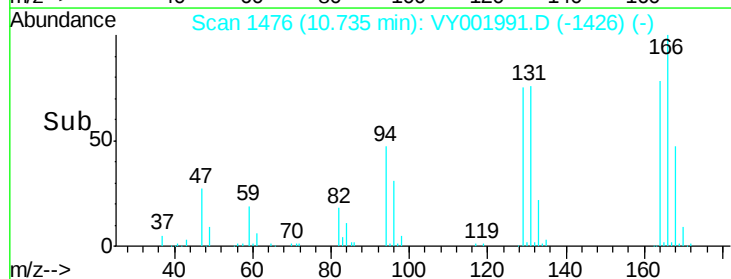
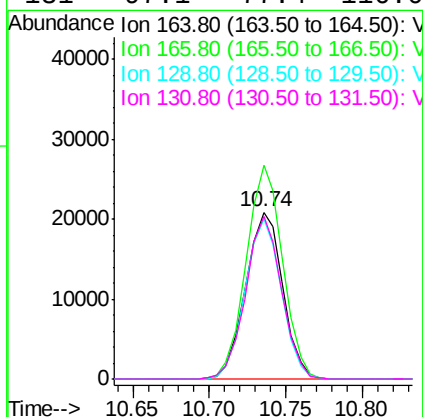
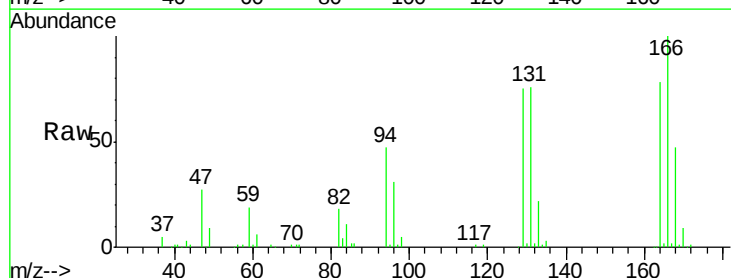
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

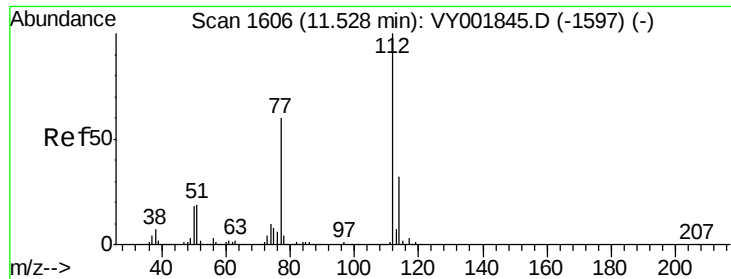
Tgt Ion:117 Resp: 255092
Ion Ratio Lower Upper
117 100
82 58.2 44.5 66.7
119 31.6 25.7 38.5



#64
Tetrachloroethene
Concen: 21.95 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion:164 Resp: 35116
Ion Ratio Lower Upper
164 100
166 127.9 102.6 154.0
129 95.7 82.3 123.5
131 97.1 77.4 116.0

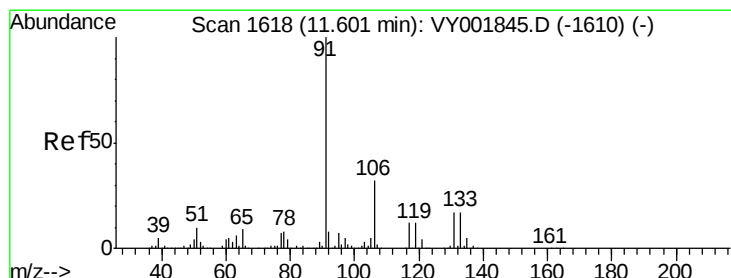
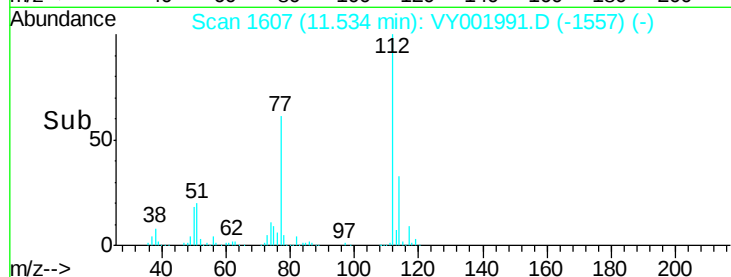
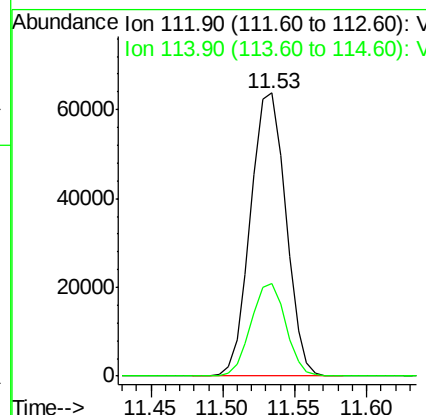
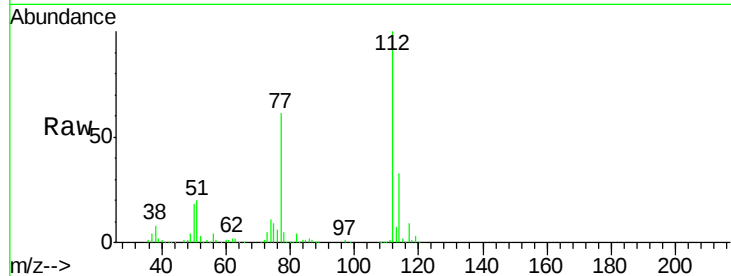




#65
Chlorobenzene
Concen: 21.25 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

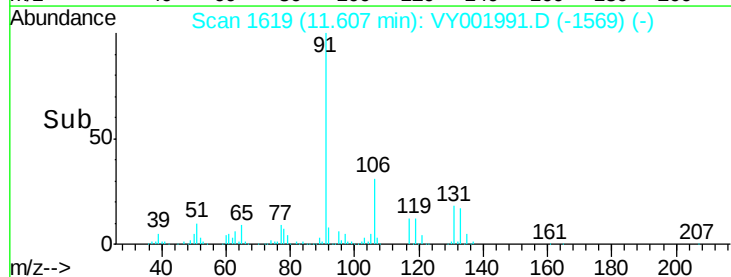
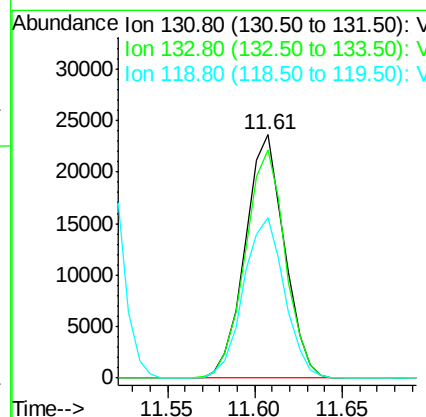
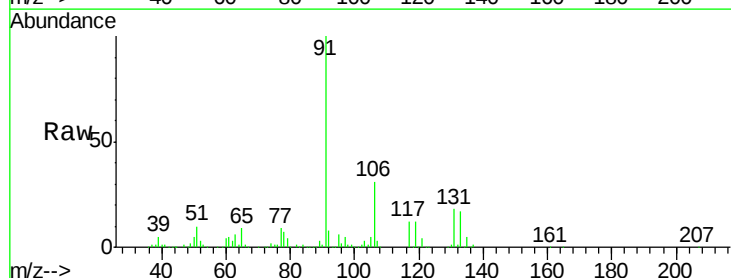
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

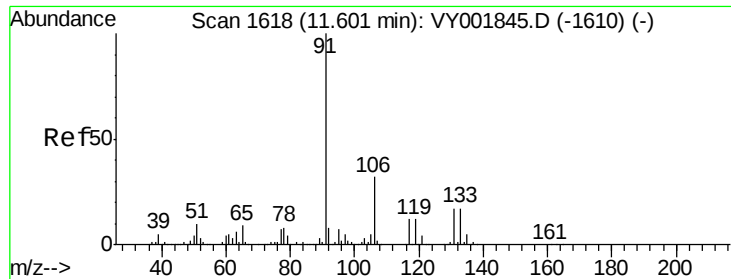
Tgt Ion:112 Resp: 108020
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 22.18 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion:131 Resp: 36966
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.3
119 68.9 34.5 103.6

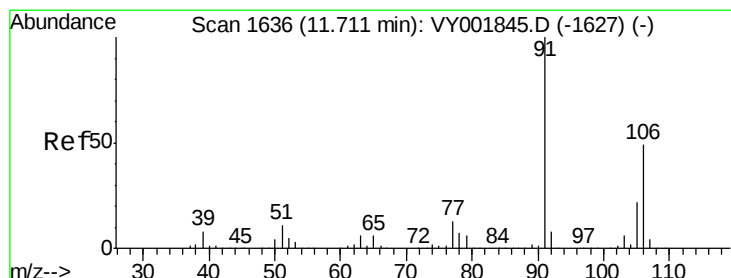
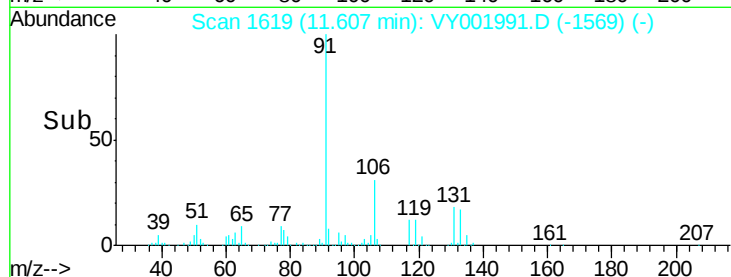
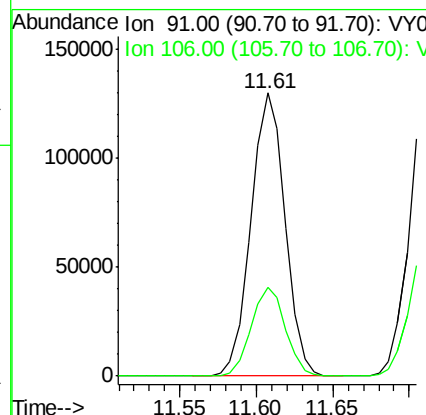
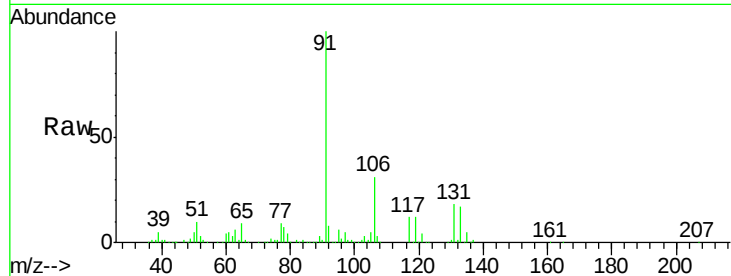




#67
Ethyl Benzene
Concen: 21.23 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

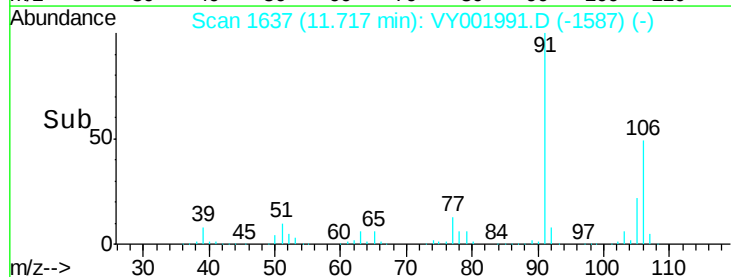
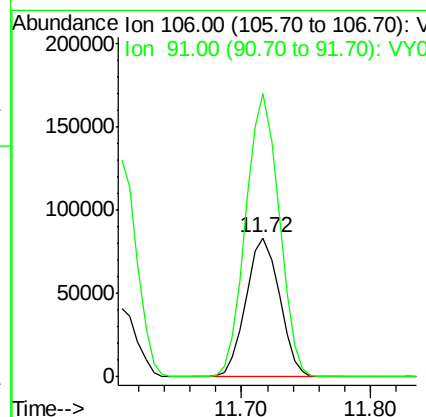
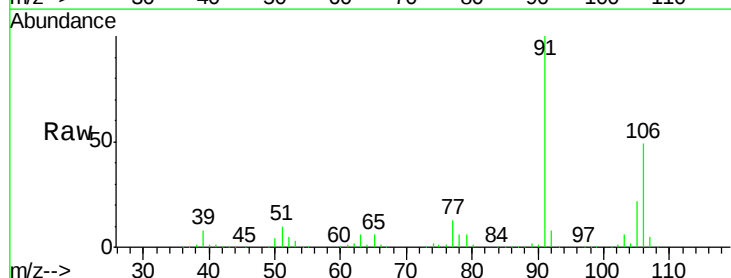
Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

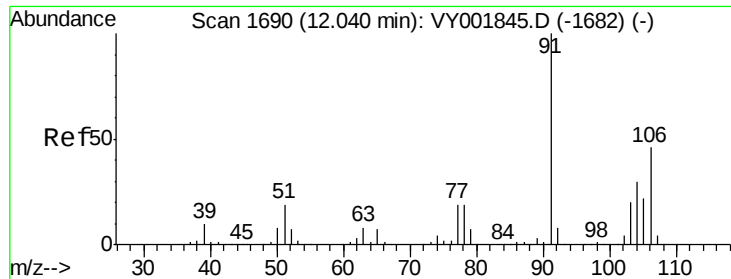
Tgt Ion: 91 Resp: 201201
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#68
m/p-Xylenes
Concen: 42.95 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion: 106 Resp: 150540
Ion Ratio Lower Upper
106 100
91 202.3 161.3 241.9

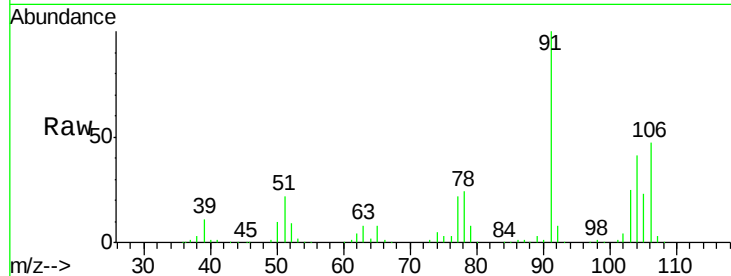




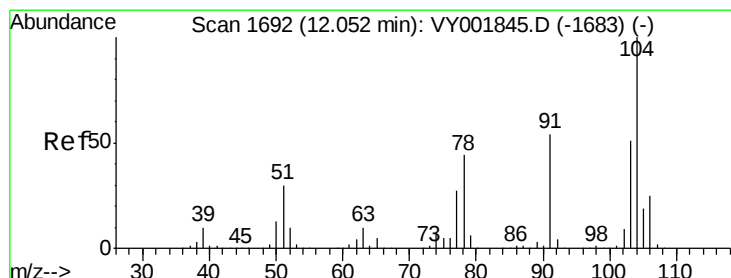
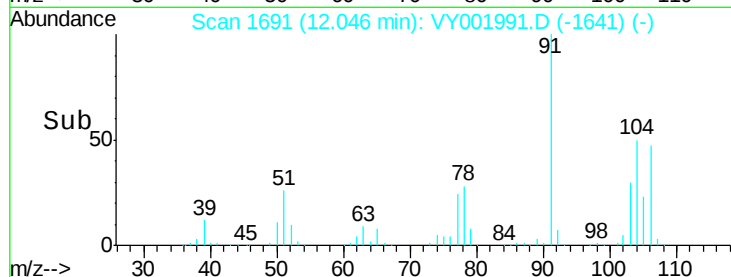
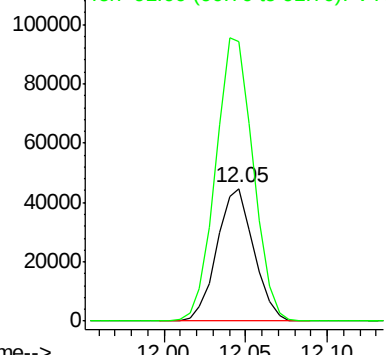
#69
o-Xylene
Concen: 21.22 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tgt Ion:106 Resp: 70083
Ion Ratio Lower Upper
106 100
91 218.4 106.8 320.4

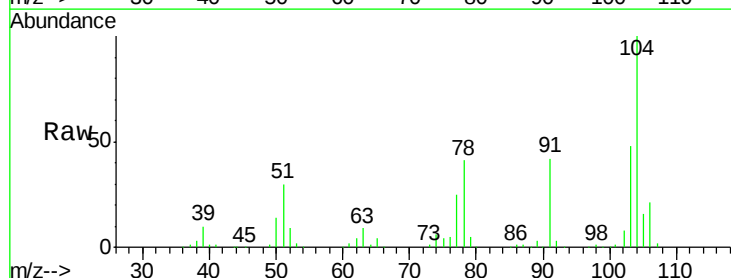


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

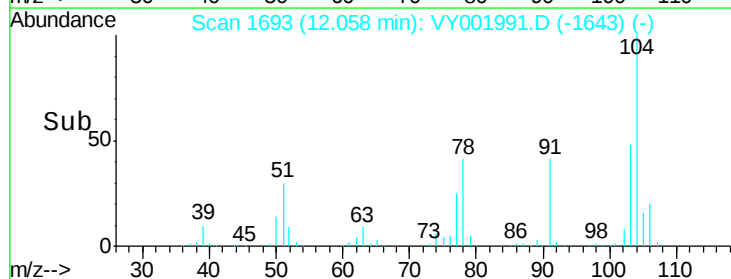
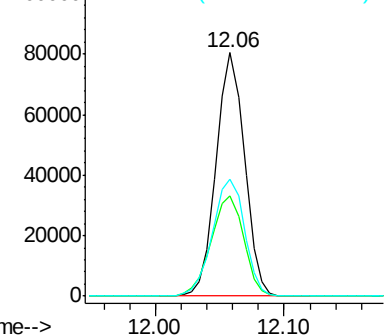


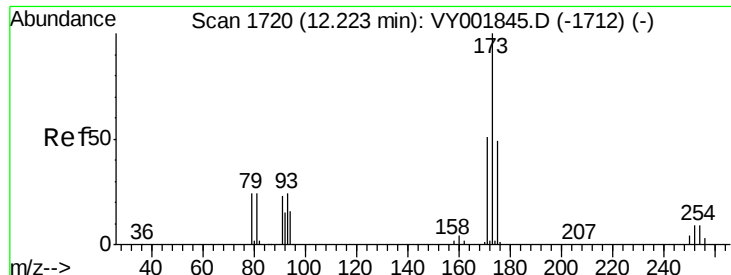
#70
Styrene
Concen: 21.66 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion:104 Resp: 122527
Ion Ratio Lower Upper
104 100
78 47.4 38.5 57.7
103 54.6 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

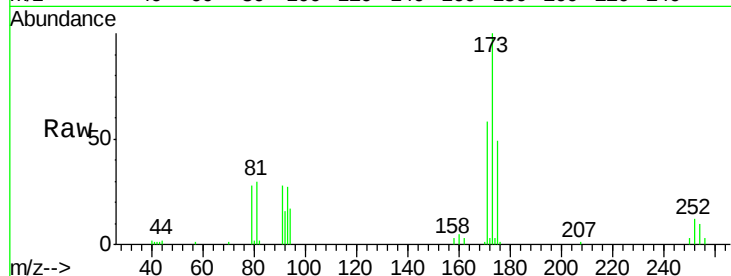




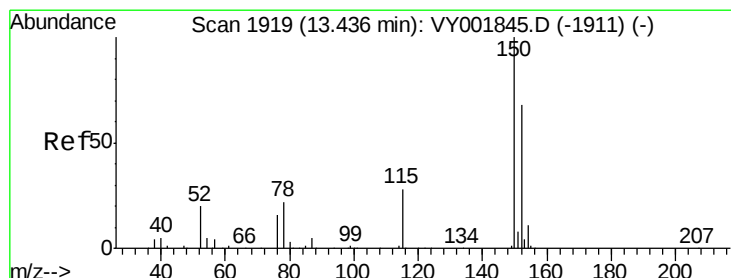
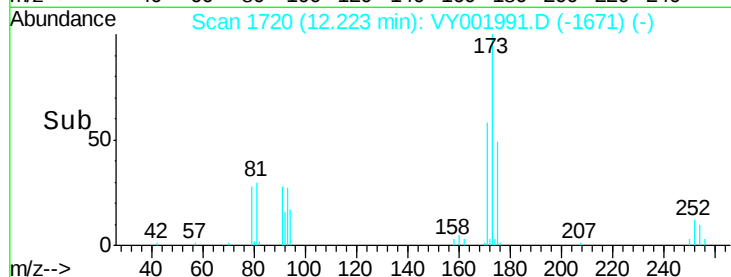
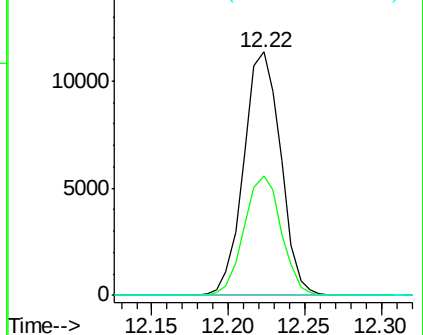
#71
Bromoform
Concen: 21.15 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tgt Ion:173 Resp: 19114
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.0 0.0

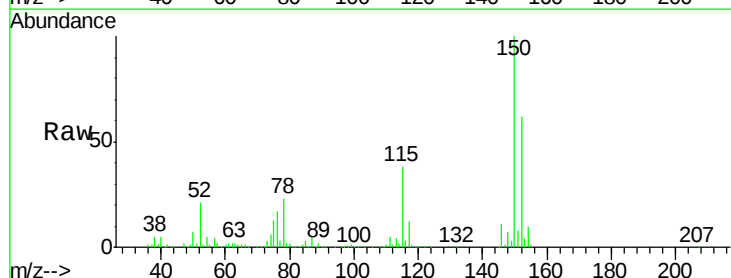


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

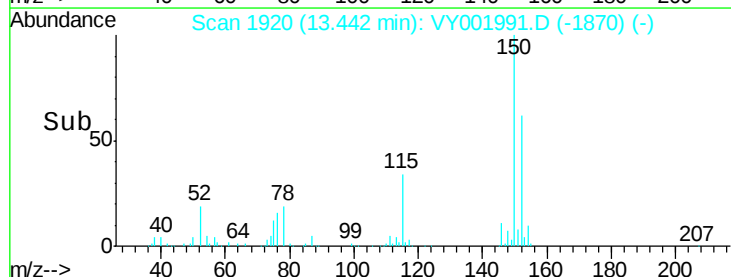
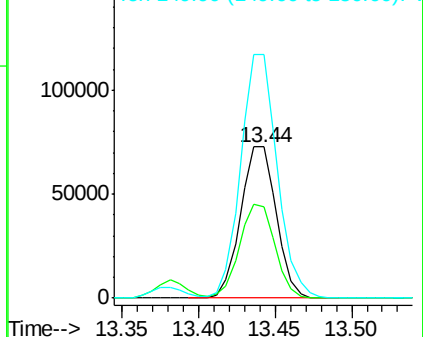


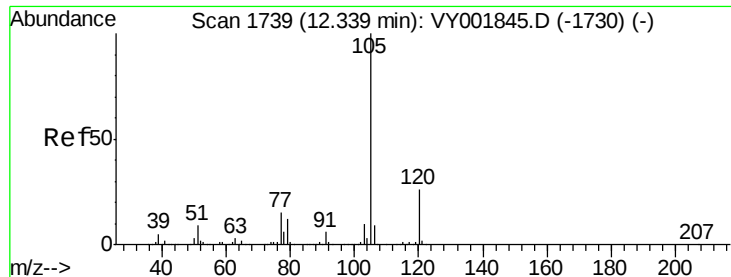
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion:152 Resp: 117564
Ion Ratio Lower Upper
152 100
115 61.4 29.9 89.7
150 165.2 0.0 340.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.18 ug/l

RT: 12.34 min Scan# 1740

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

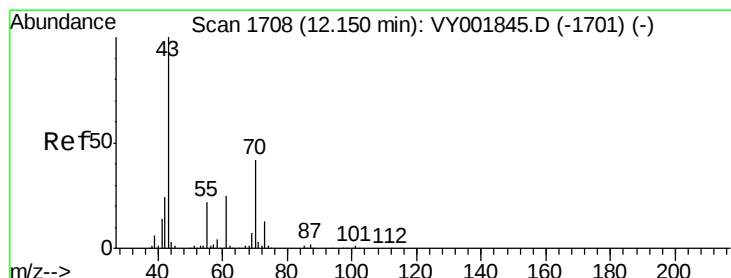
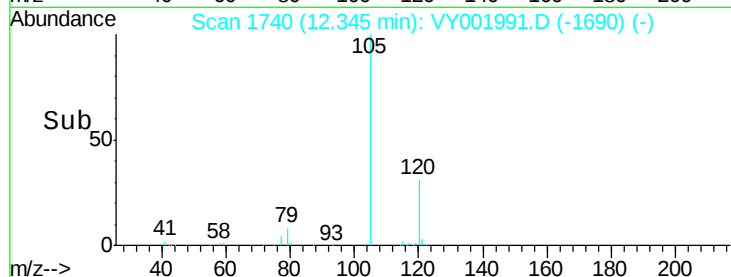
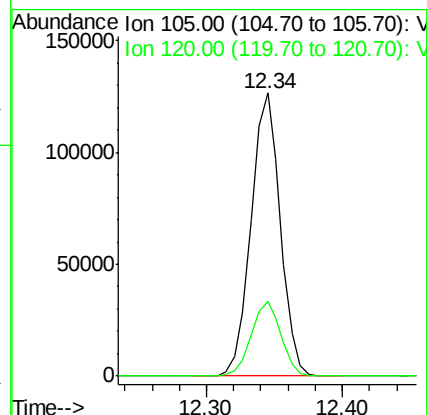
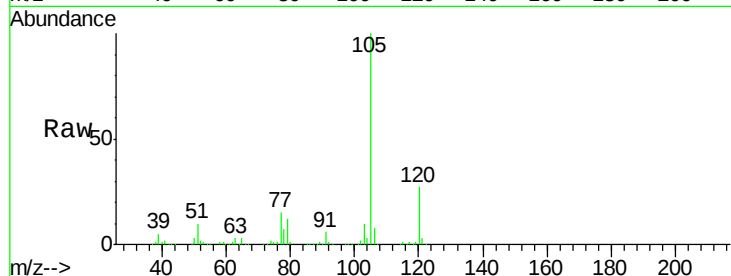
VY0317SBS01

Tgt Ion:105 Resp: 190036

Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.3



#74

N-ethyl acetate

Concen: 20.16 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Tgt Ion: 43 Resp: 55603

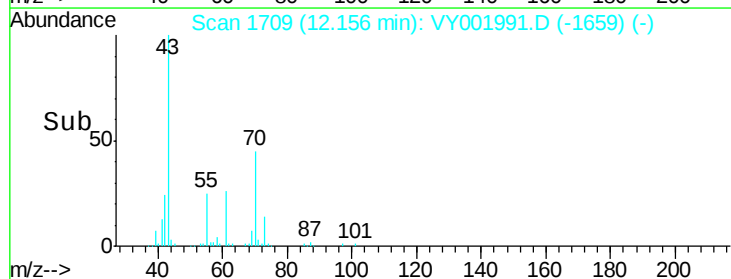
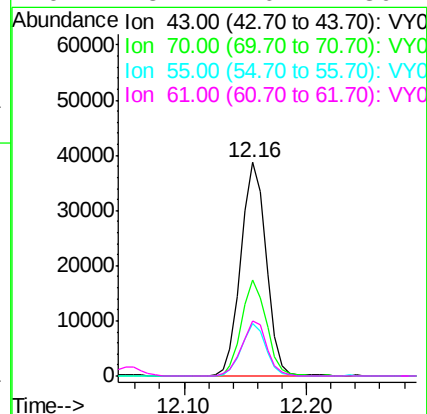
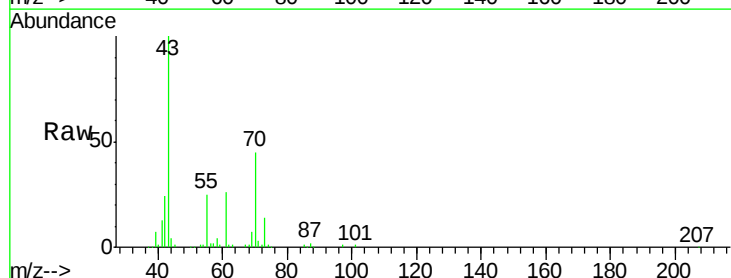
Ion Ratio Lower Upper

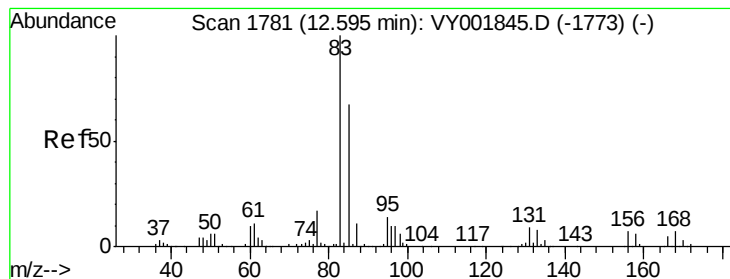
43 100

70 44.0 34.7 52.1

55 23.8 18.2 27.4

61 25.7 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.19 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

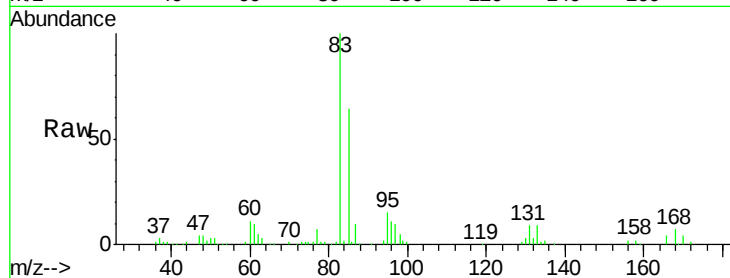
Tgt Ion: 83 Resp: 41014

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

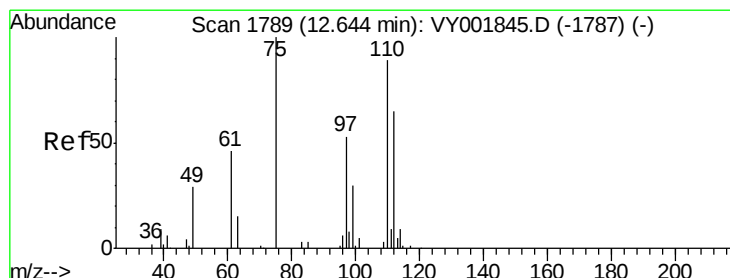
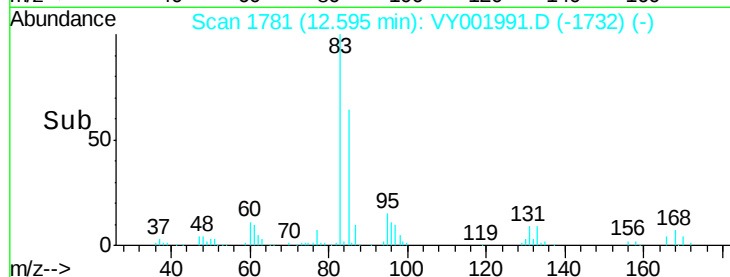
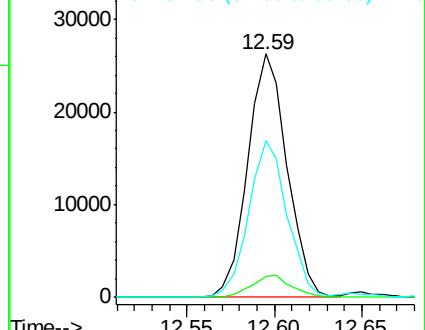
85 62.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.67 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001991.D

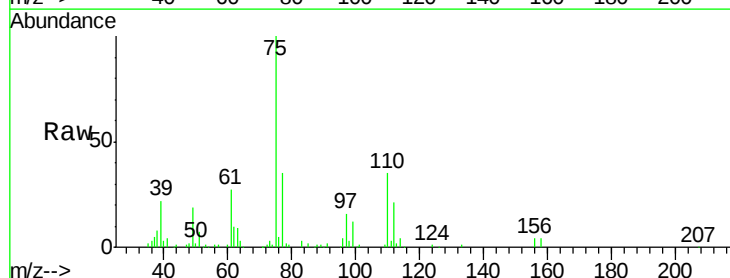
Acq: 17 Mar 2020 11:00

Tgt Ion: 75 Resp: 52550

Ion Ratio Lower Upper

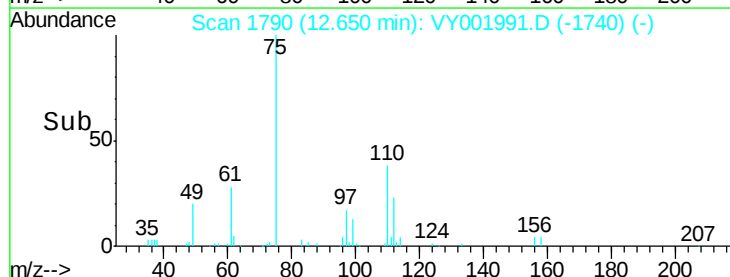
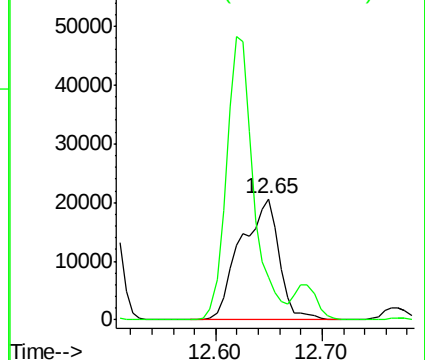
75 100

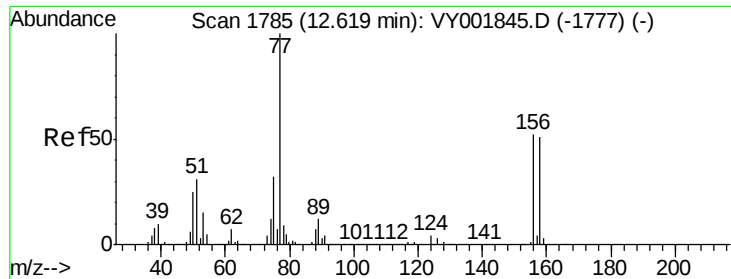
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.41 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

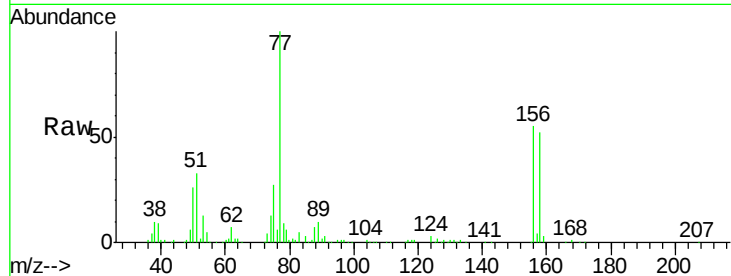
Tgt Ion:156 Resp: 40712

Ion Ratio Lower Upper

156 100

77 212.4 109.0 327.0

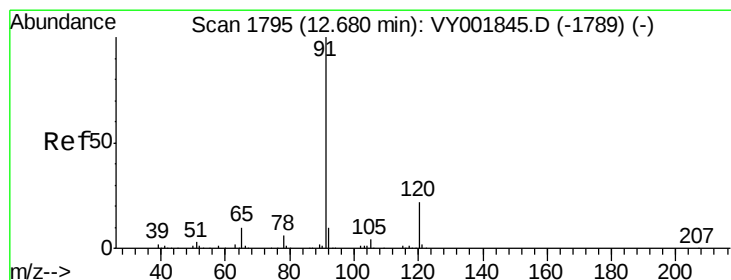
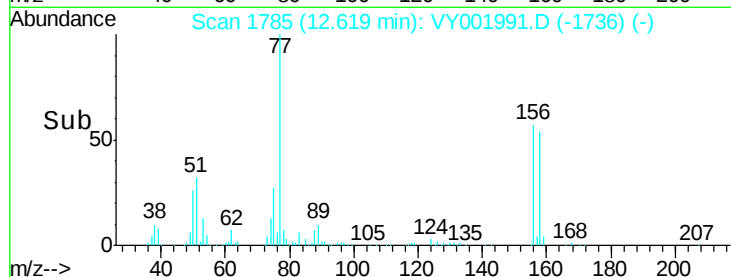
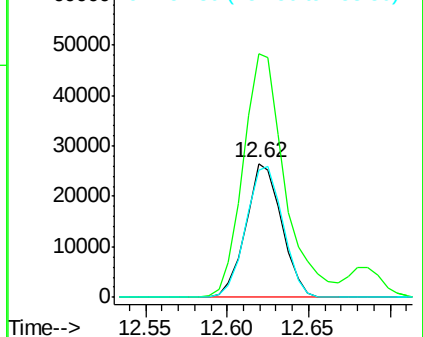
158 100.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.33 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY001991.D

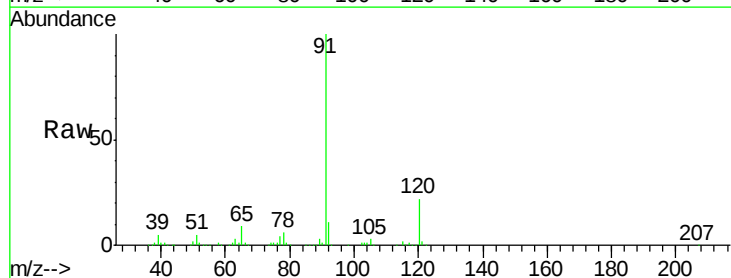
Acq: 17 Mar 2020 11:00

Tgt Ion: 91 Resp: 236134

Ion Ratio Lower Upper

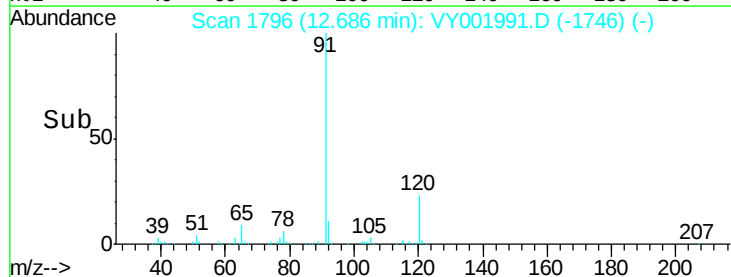
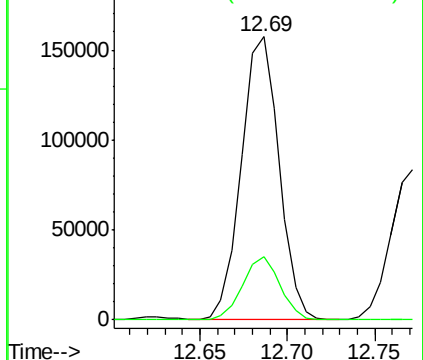
91 100

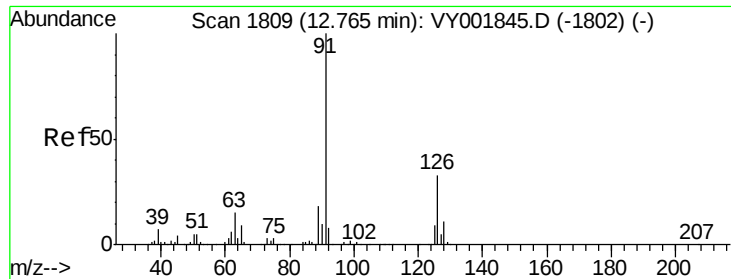
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.36 ug/l

RT: 12.77 min Scan# 1810

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

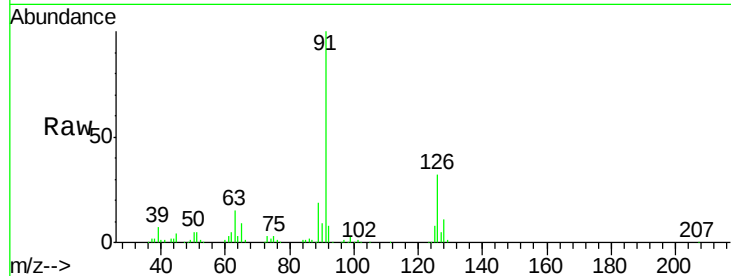
VY0317SBS01

Tgt Ion: 91 Resp: 130681

Ion Ratio Lower Upper

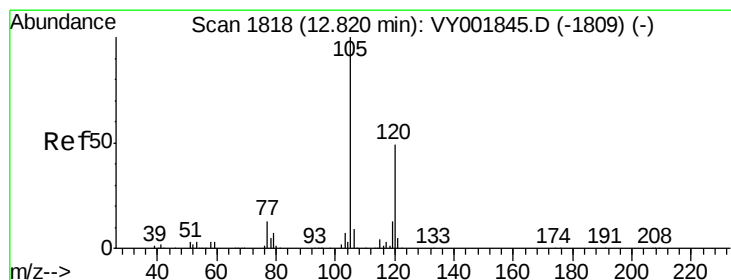
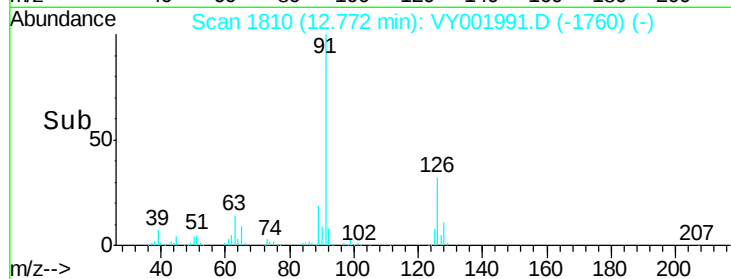
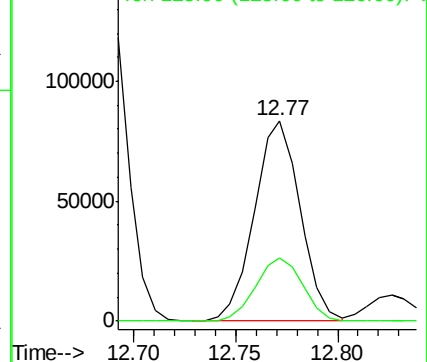
91 100

126 32.3 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.47 ug/l

RT: 12.83 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VY001991.D

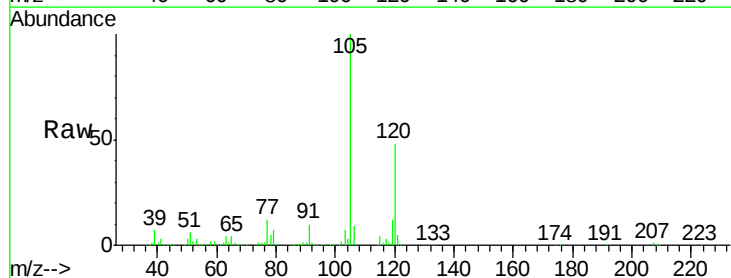
Acq: 17 Mar 2020 11:00

Tgt Ion: 105 Resp: 158609

Ion Ratio Lower Upper

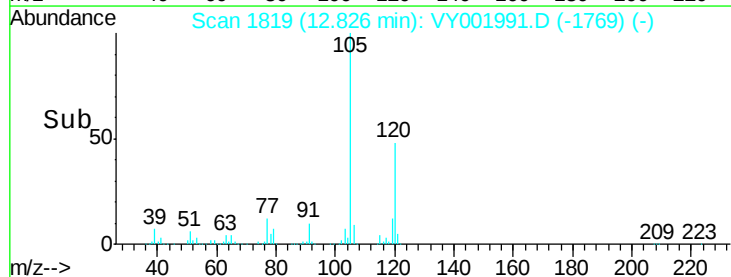
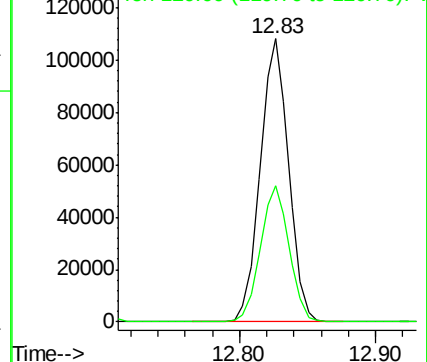
105 100

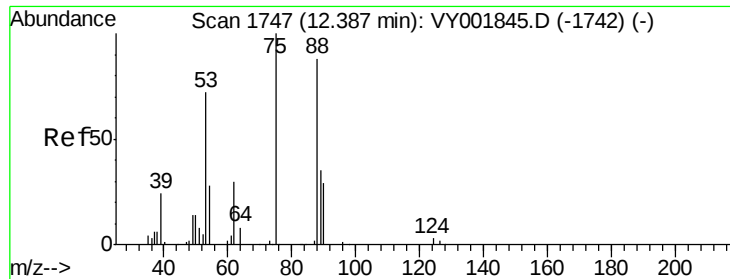
120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 21.40 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

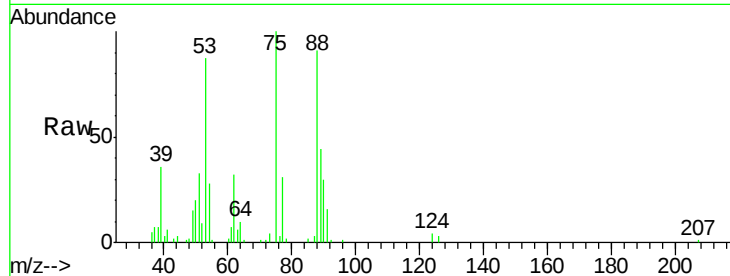
Tgt Ion: 75 Resp: 14781

Ion Ratio Lower Upper

75 100

53 85.7 65.4 98.0

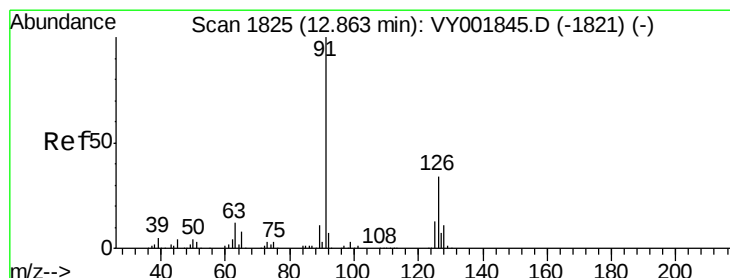
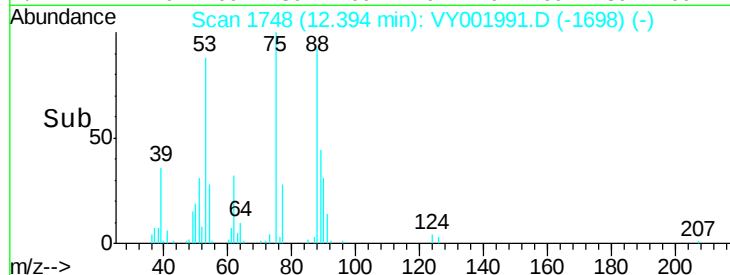
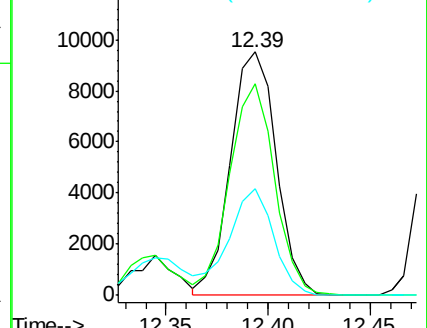
89 43.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.73 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY001991.D

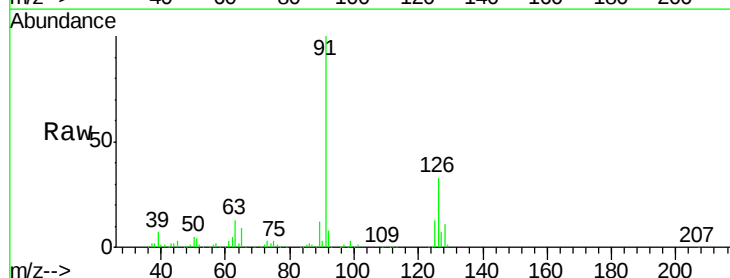
Acq: 17 Mar 2020 11:00

Tgt Ion: 91 Resp: 138379

Ion Ratio Lower Upper

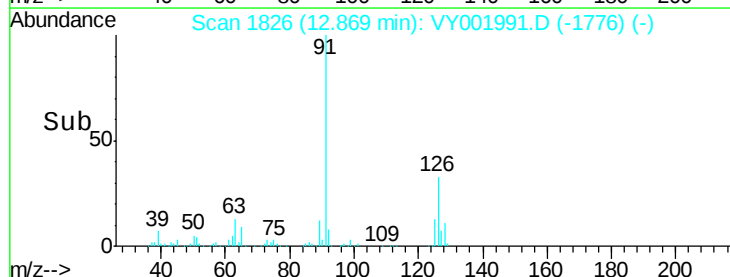
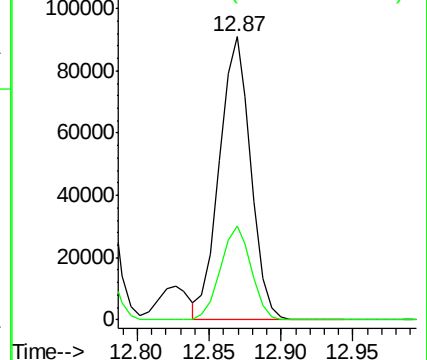
91 100

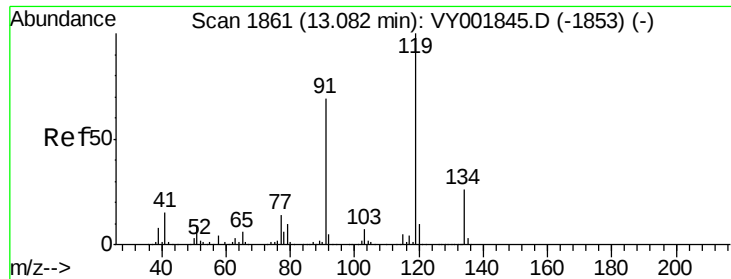
126 32.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

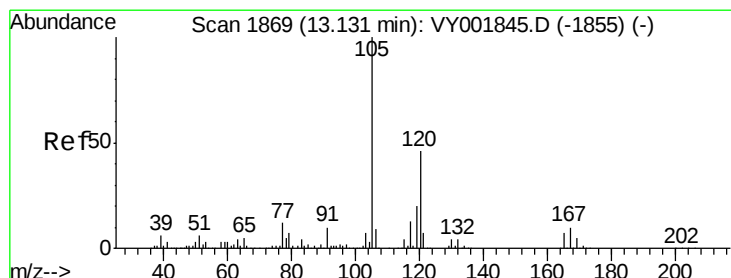
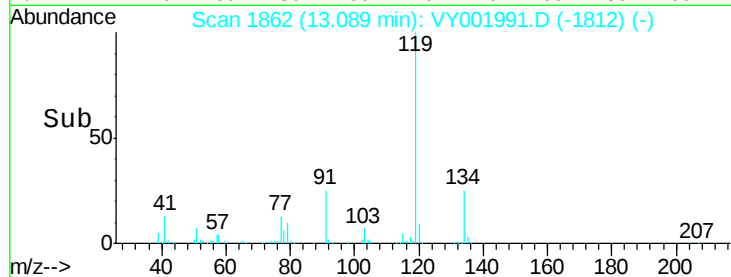
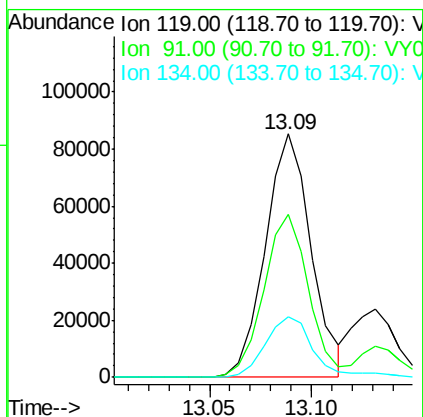
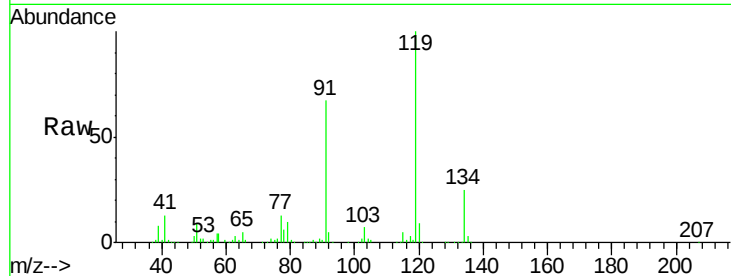




#83
 tert-Butylbenzene
 Concen: 21.63 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

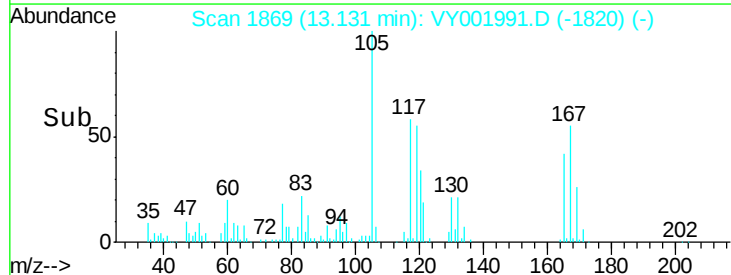
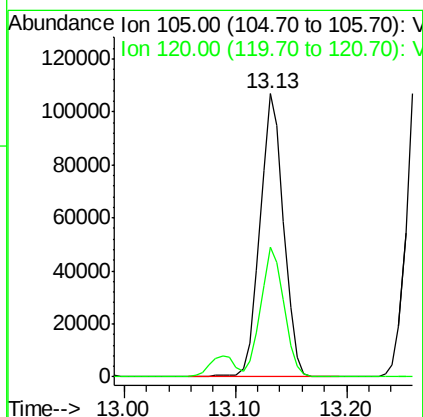
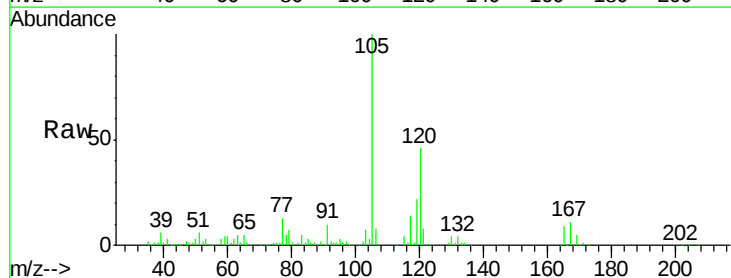
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

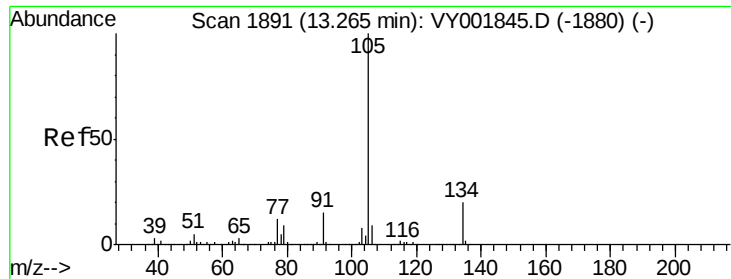
Tgt Ion:119 Resp: 132735
 Ion Ratio Lower Upper
 119 100
 91 65.4 34.0 101.8
 134 26.6 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.58 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion:105 Resp: 158244
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 21.88 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

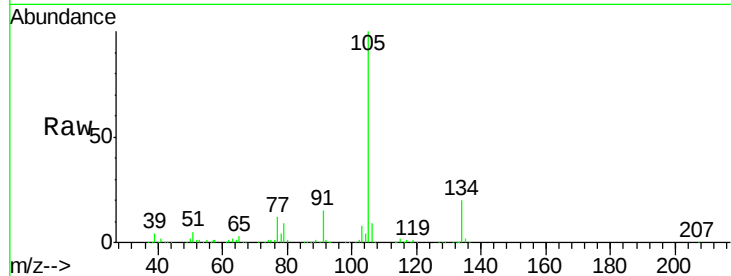
VY0317SBS01

Tgt Ion:105 Resp: 197880

Ion Ratio Lower Upper

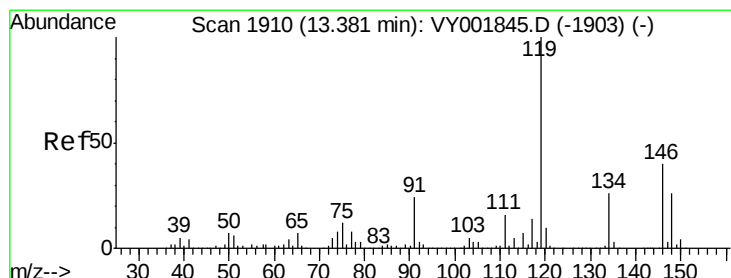
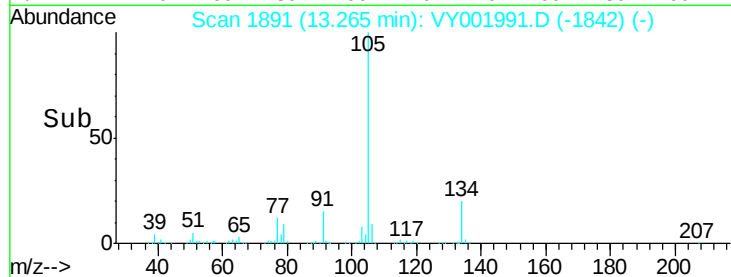
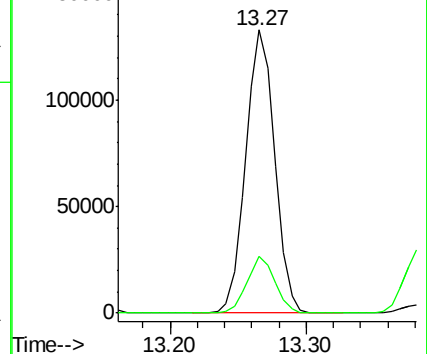
105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.06 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

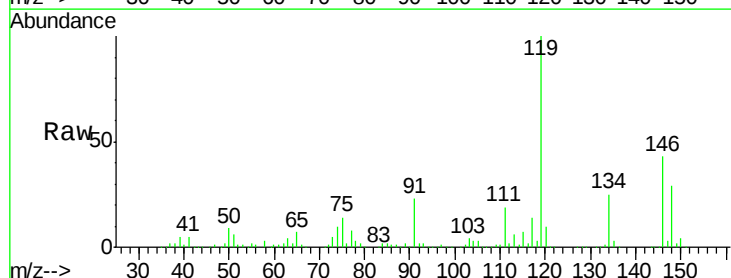
Tgt Ion:119 Resp: 172099

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

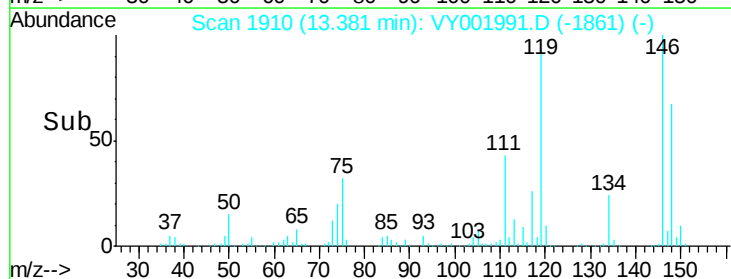
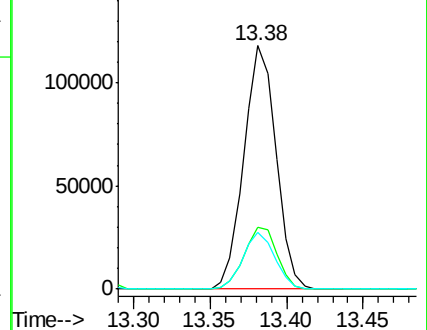
91 23.0 11.9 35.7

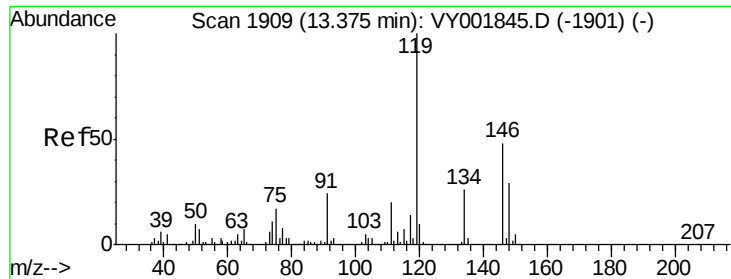


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

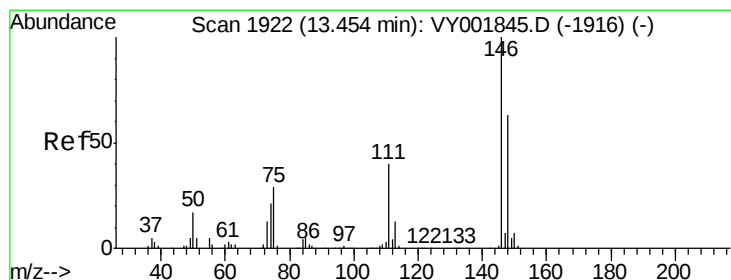
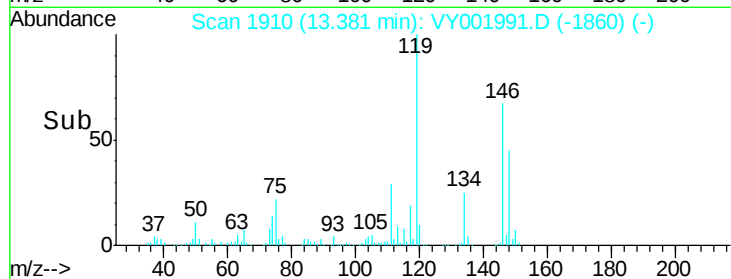
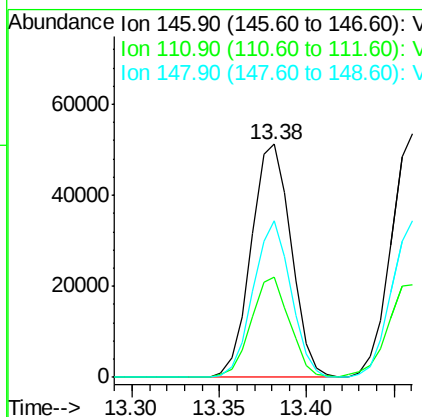
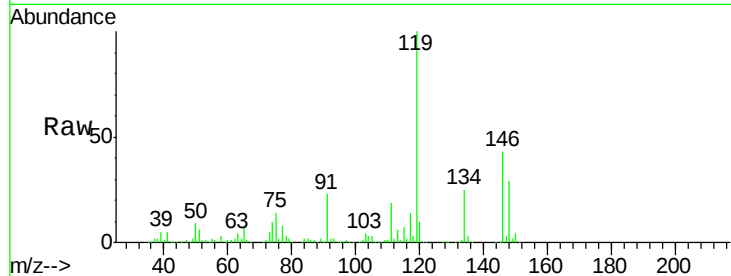




#87
 1,3-Dichlorobenzene
 Concen: 21.83 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

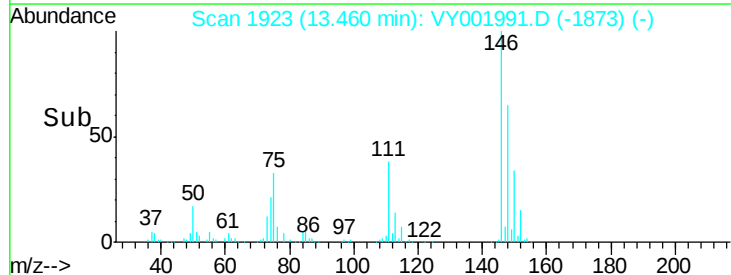
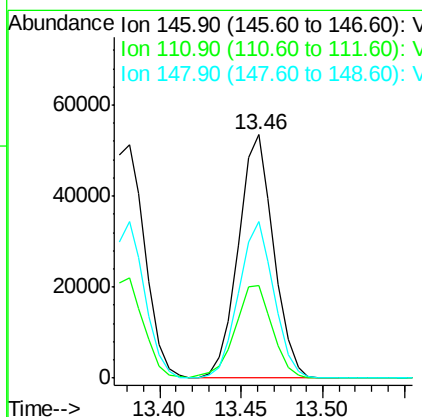
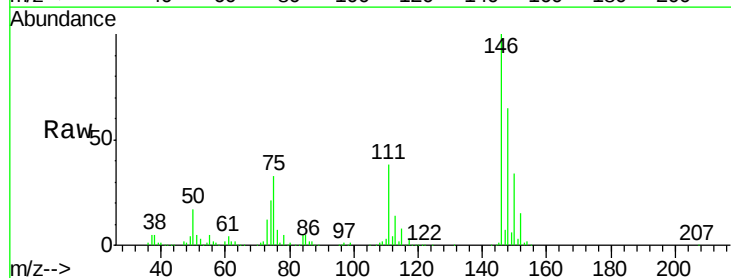
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

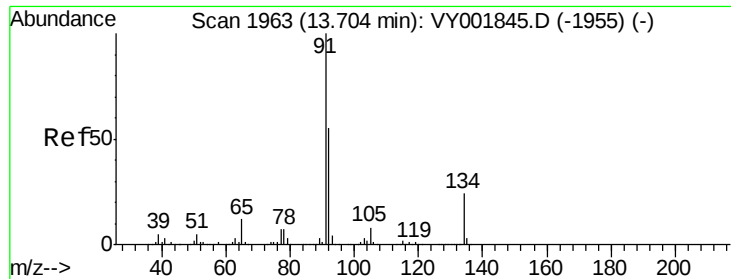
Tgt Ion:146 Resp: 81342
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.5 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 21.34 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion:146 Resp: 80682
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 21.67 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

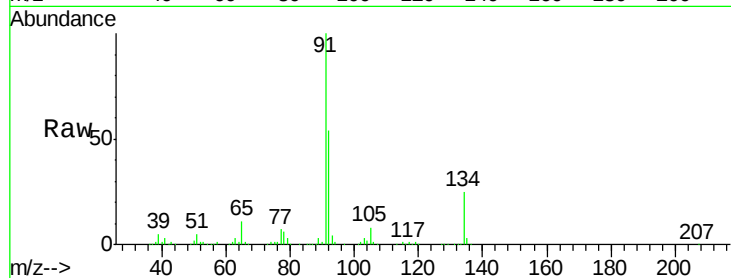
Tgt Ion: 91 Resp: 175412

Ion Ratio Lower Upper

91 100

92 53.5 27.5 82.4

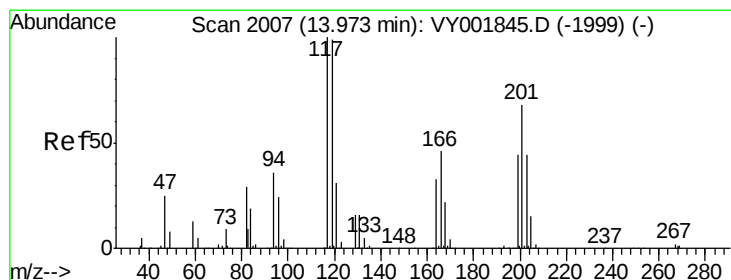
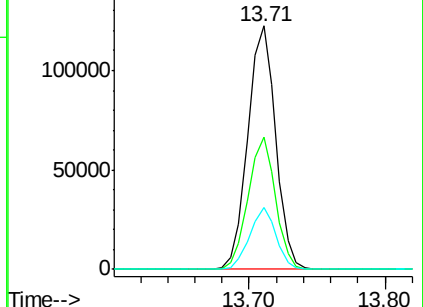
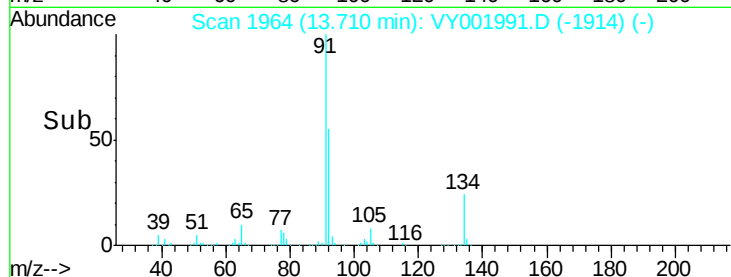
134 24.2 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY001991.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001991.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001991.D (-1914) (-)



#90

Hexachloroethane

Concen: 21.51 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY001991.D

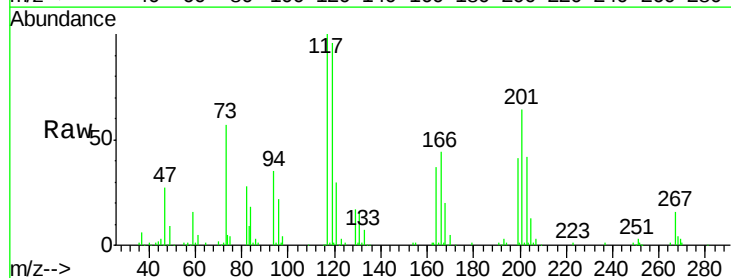
Acq: 17 Mar 2020 11:00

Tgt Ion: 117 Resp: 31655

Ion Ratio Lower Upper

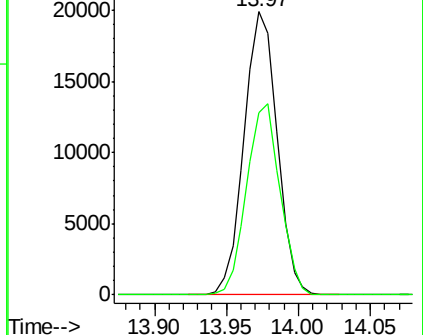
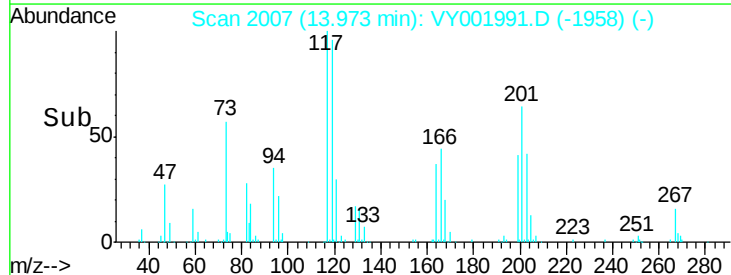
117 100

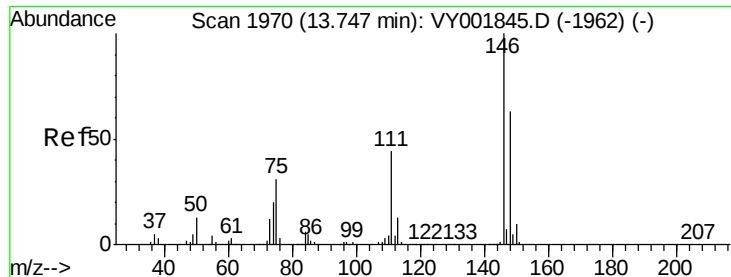
201 67.8 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VY001991.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001991.D (-1958) (-)





#91

1,2-Dichlorobenzene

Concen: 21.51 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0317SBS01

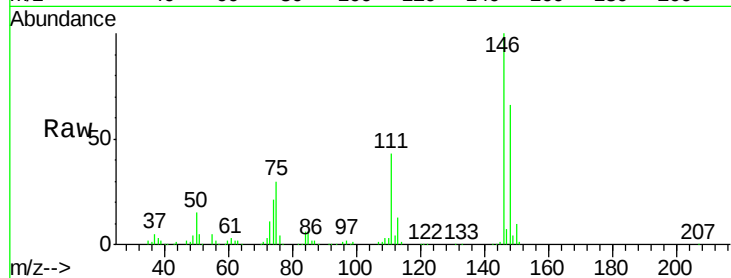
Tgt Ion:146 Resp: 72810

Ion Ratio Lower Upper

146 100

111 42.5 21.5 64.5

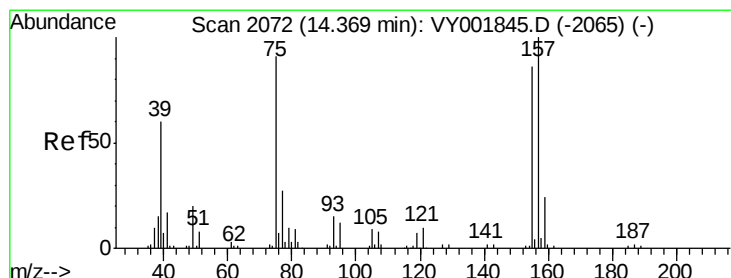
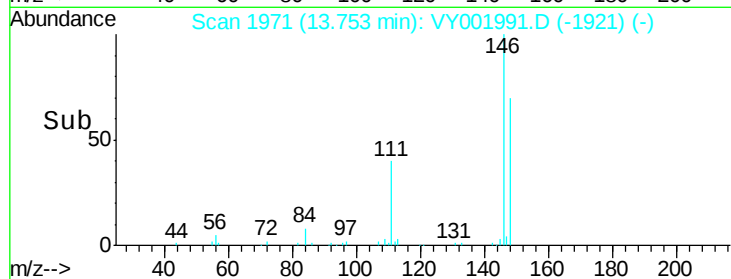
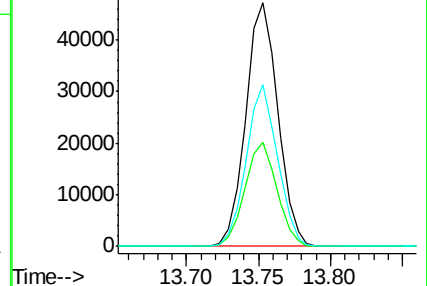
148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.10 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY001991.D

Acq: 17 Mar 2020 11:00

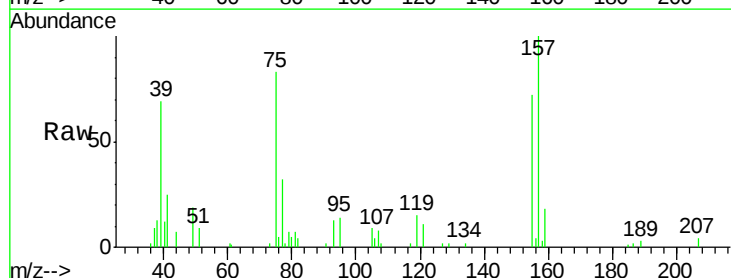
Tgt Ion: 75 Resp: 6070

Ion Ratio Lower Upper

75 100

155 86.6 42.9 128.7

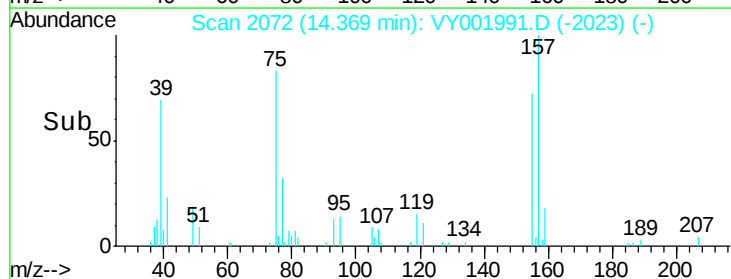
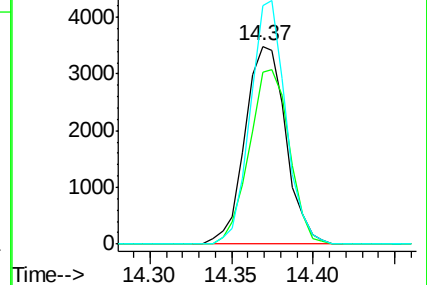
157 106.7 53.1 159.4

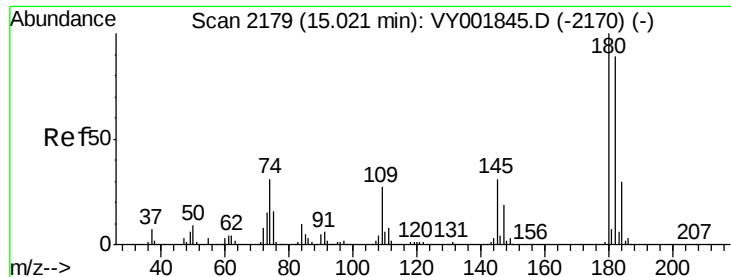


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

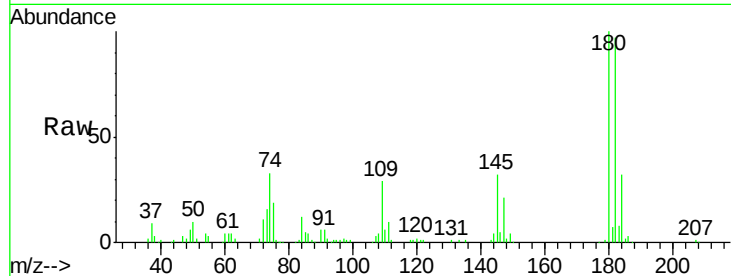




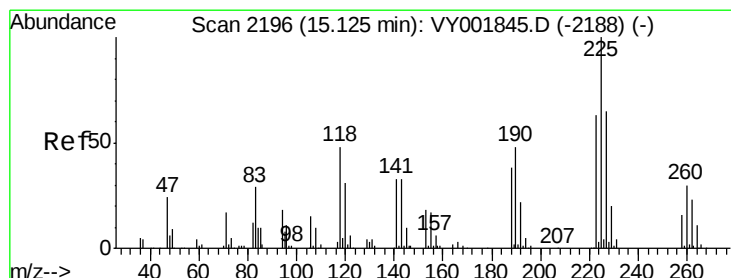
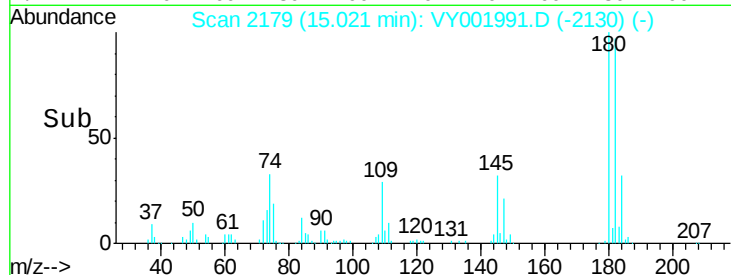
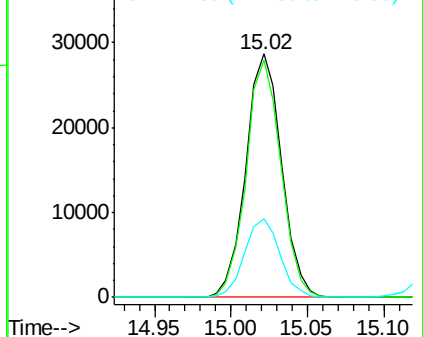
#93
 1,2,4-Trichlorobenzene
 Concen: 21.25 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0317SBS01

Tgt Ion:180 Resp: 46642
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.1 138.3
 145 31.9 15.6 46.8

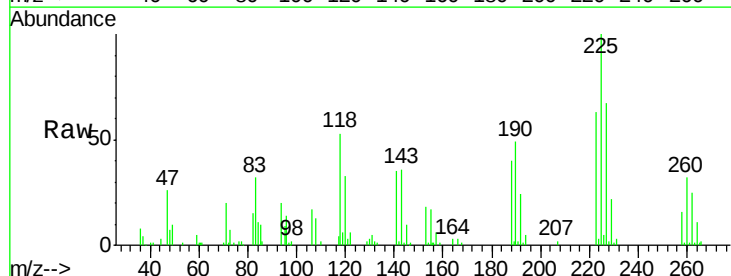


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

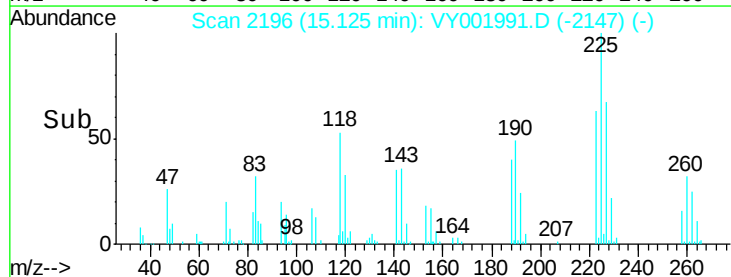
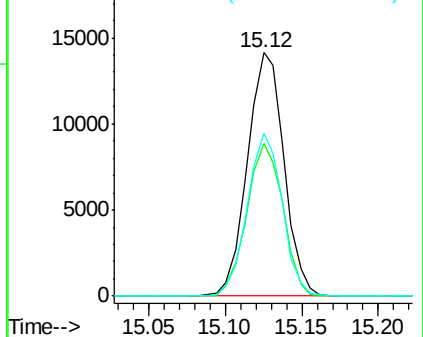


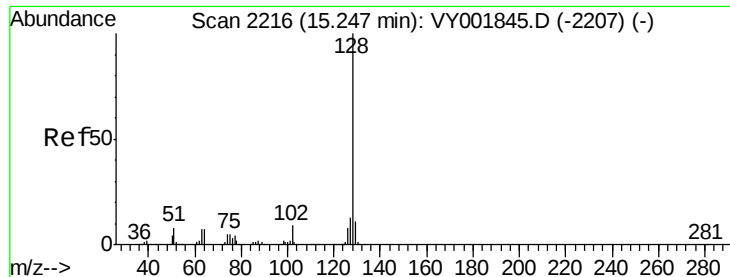
#94
 Hexachlorobutadiene
 Concen: 21.92 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VY001991.D
 Acq: 17 Mar 2020 11:00

Tgt Ion:225 Resp: 23460
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.5 94.5
 227 63.9 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

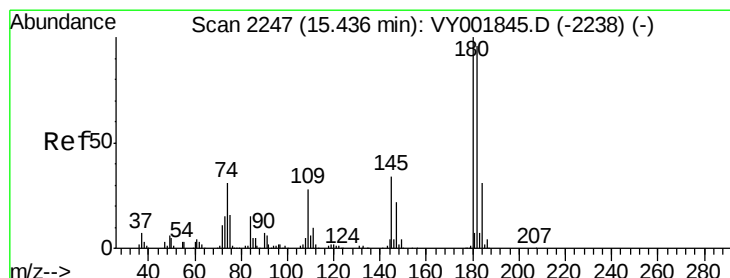
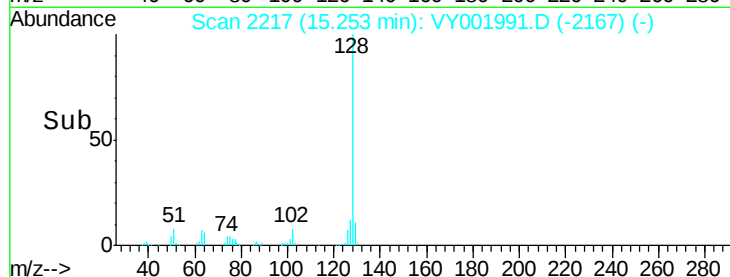
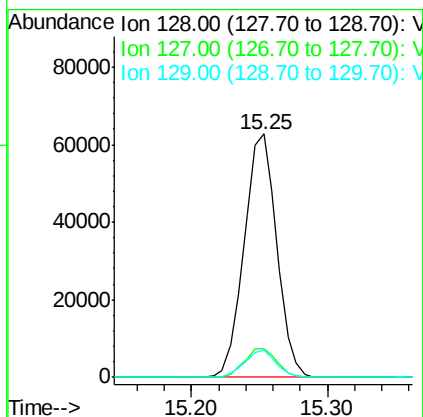
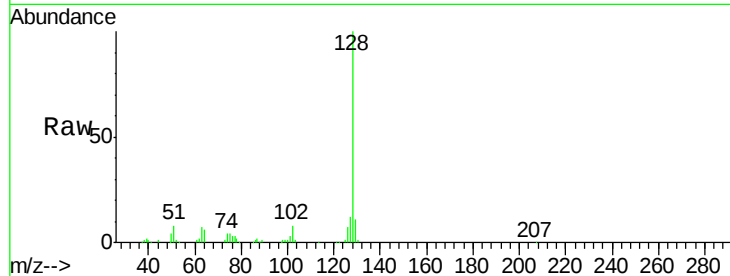




#95
Naphthalene
Concen: 20.22 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0317SBS01

Tgt Ion:128 Resp: 105262
Ion Ratio Lower Upper
128 100
127 12.0 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.98 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001991.D
Acq: 17 Mar 2020 11:00

Tgt Ion:180 Resp: 40567
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.9
145 34.4 16.8 50.3

